

Fig. 1

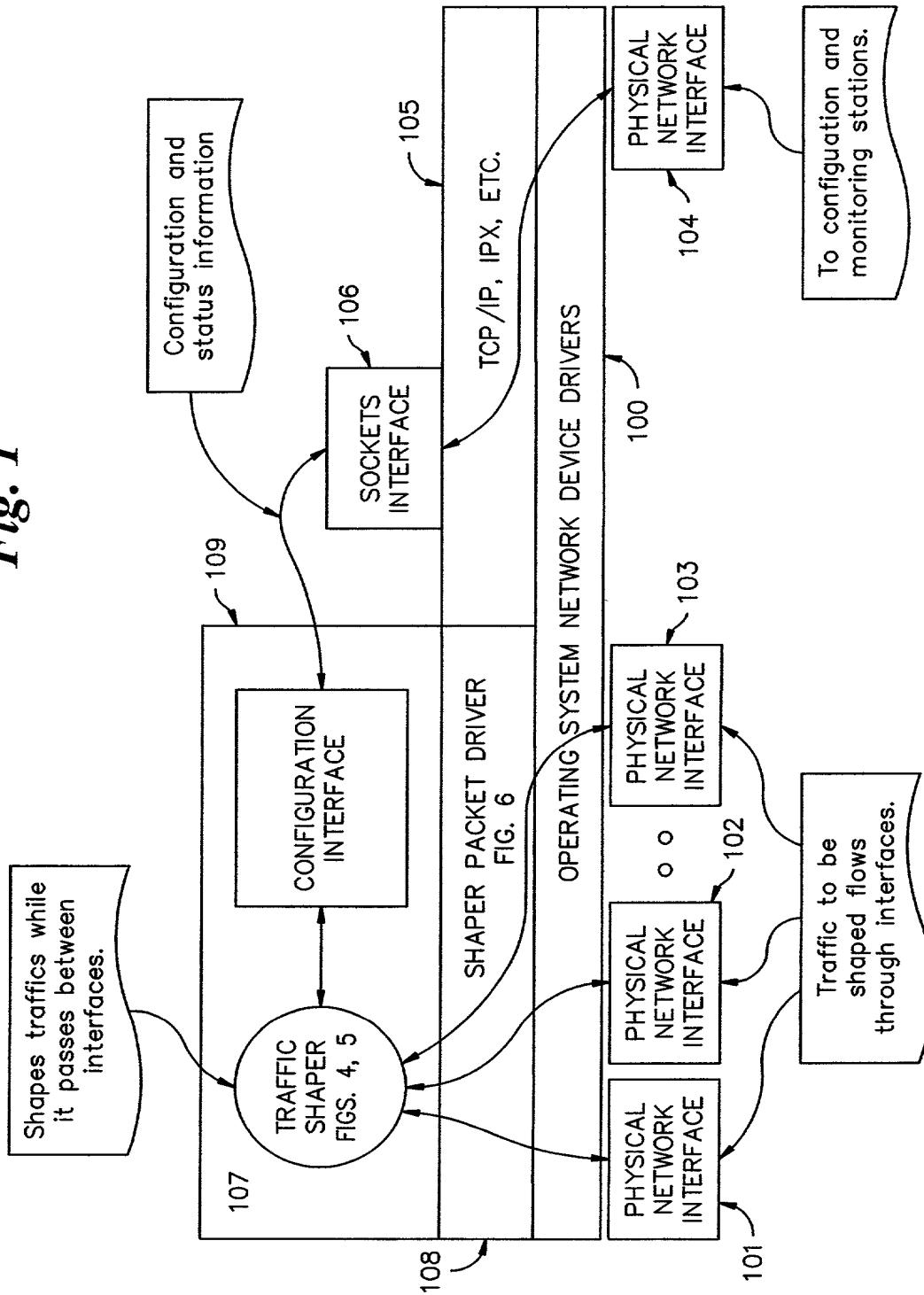


Fig. 2A

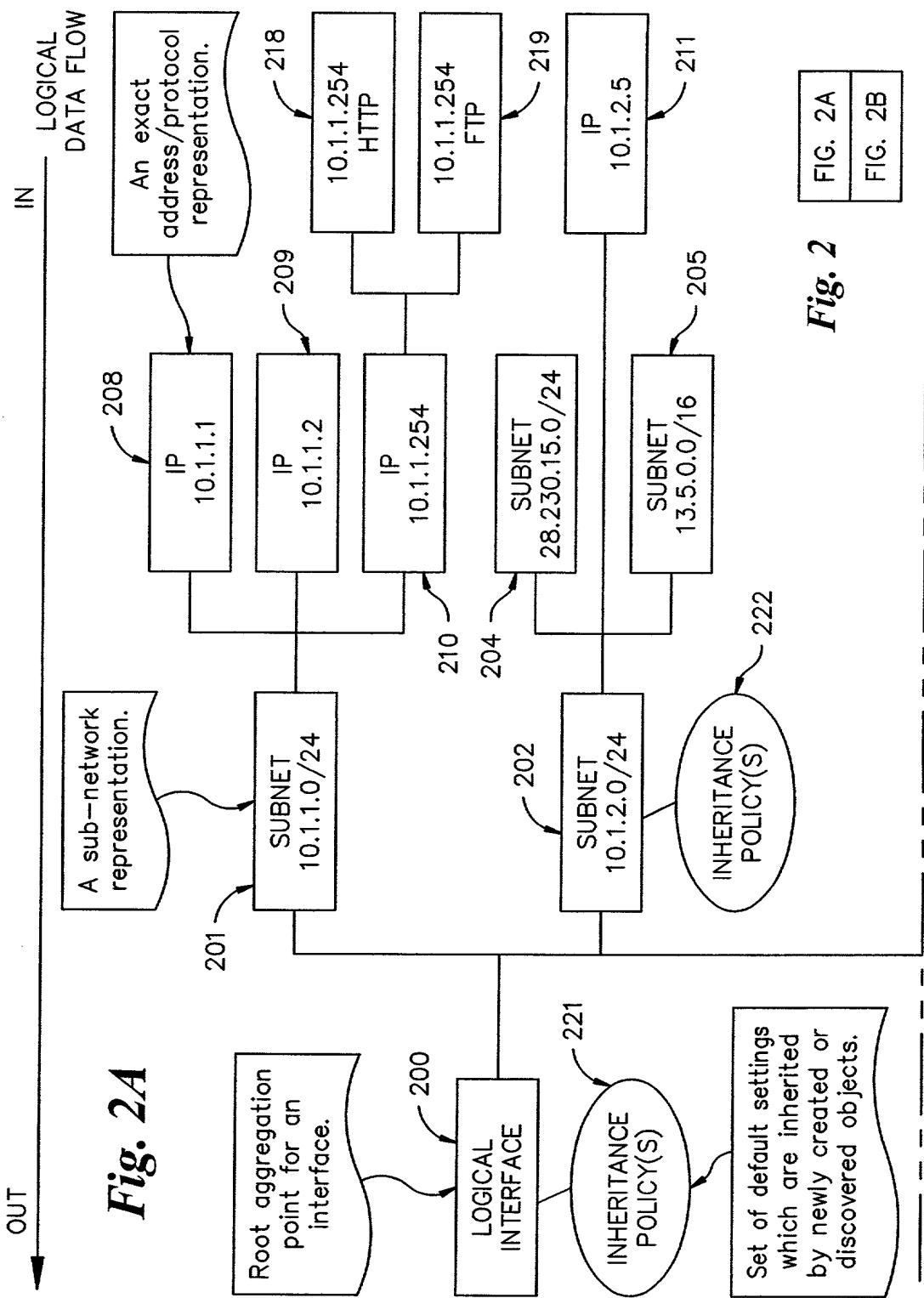


Fig. 2

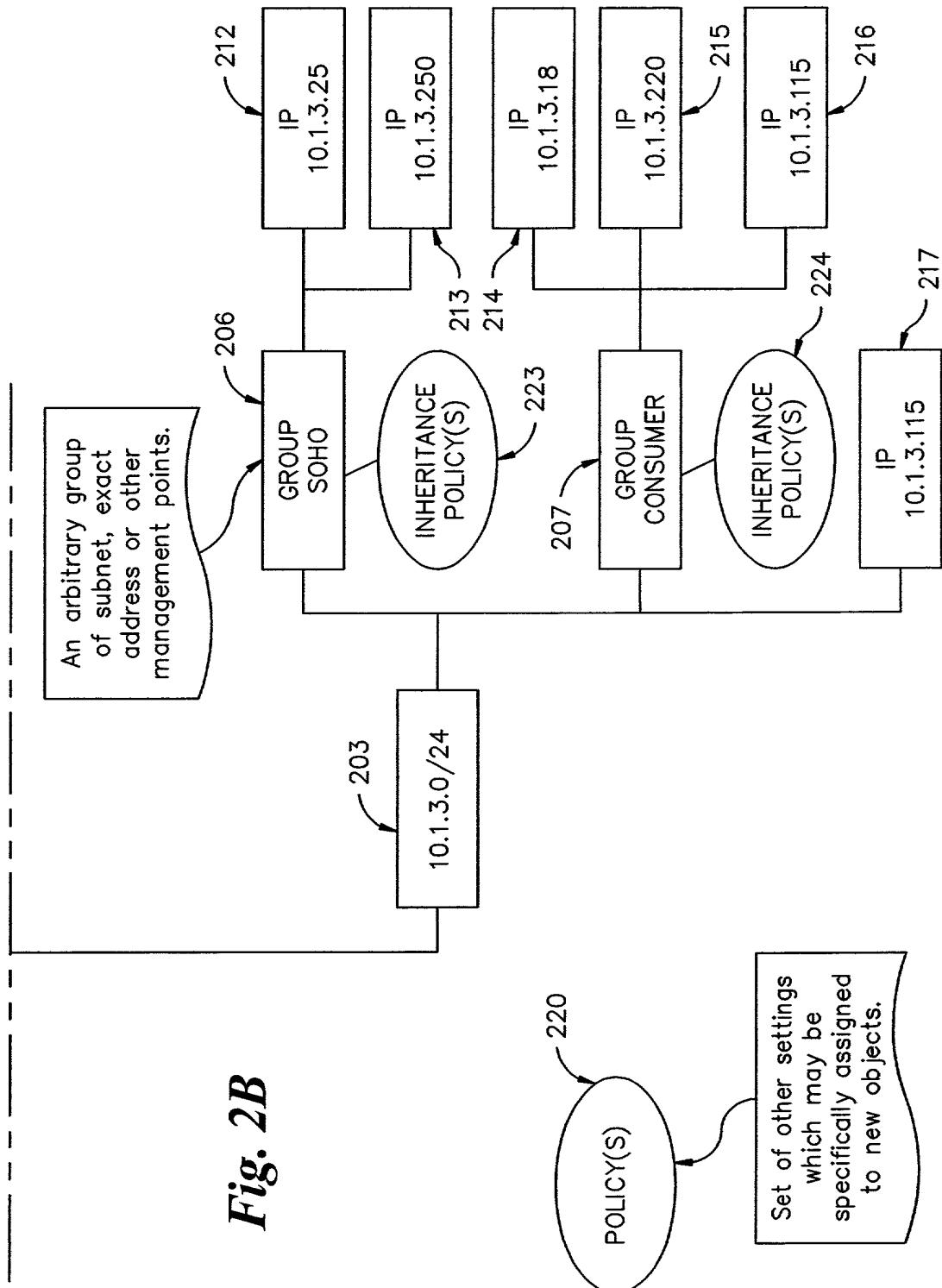


Fig. 2B

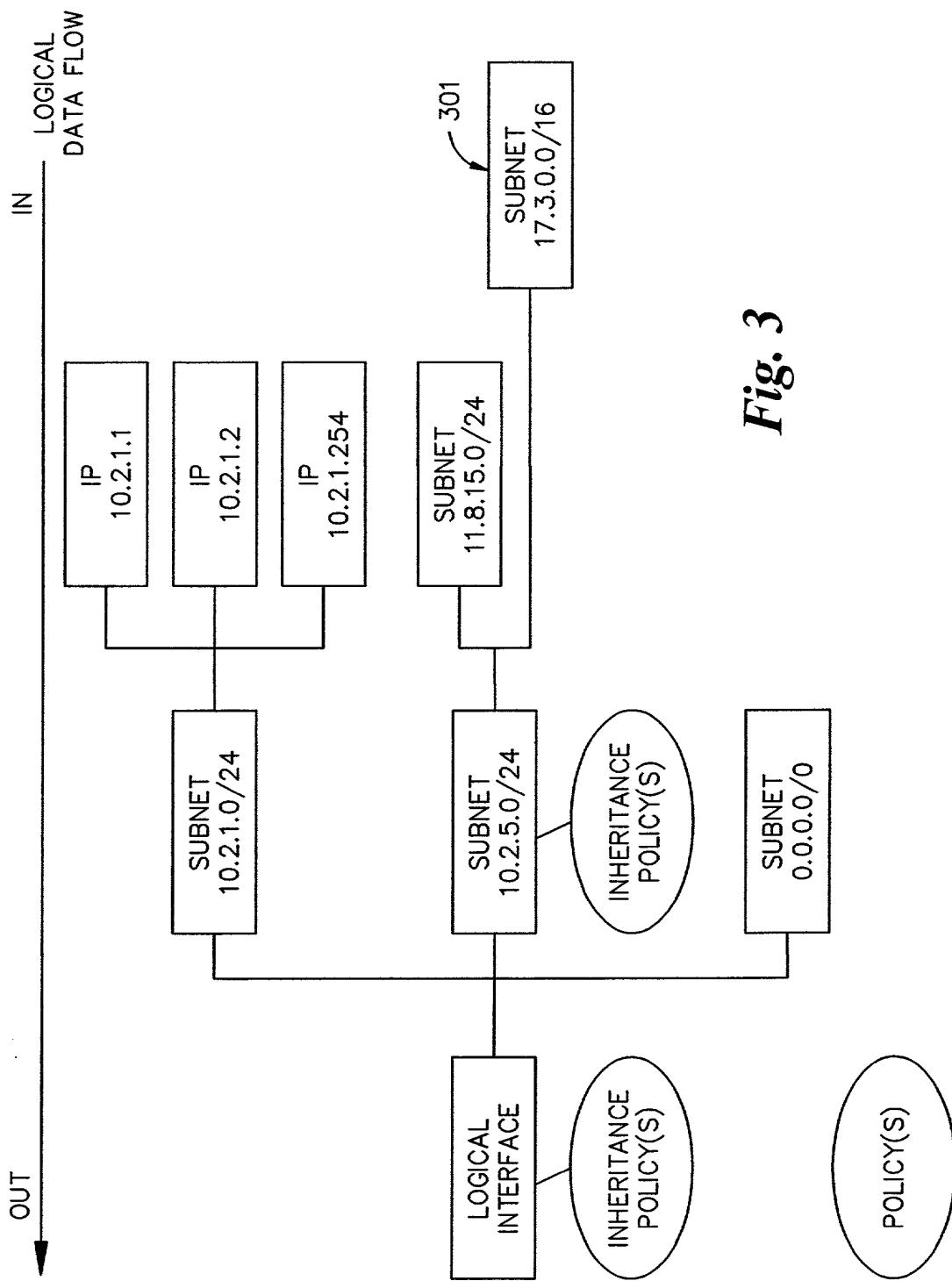
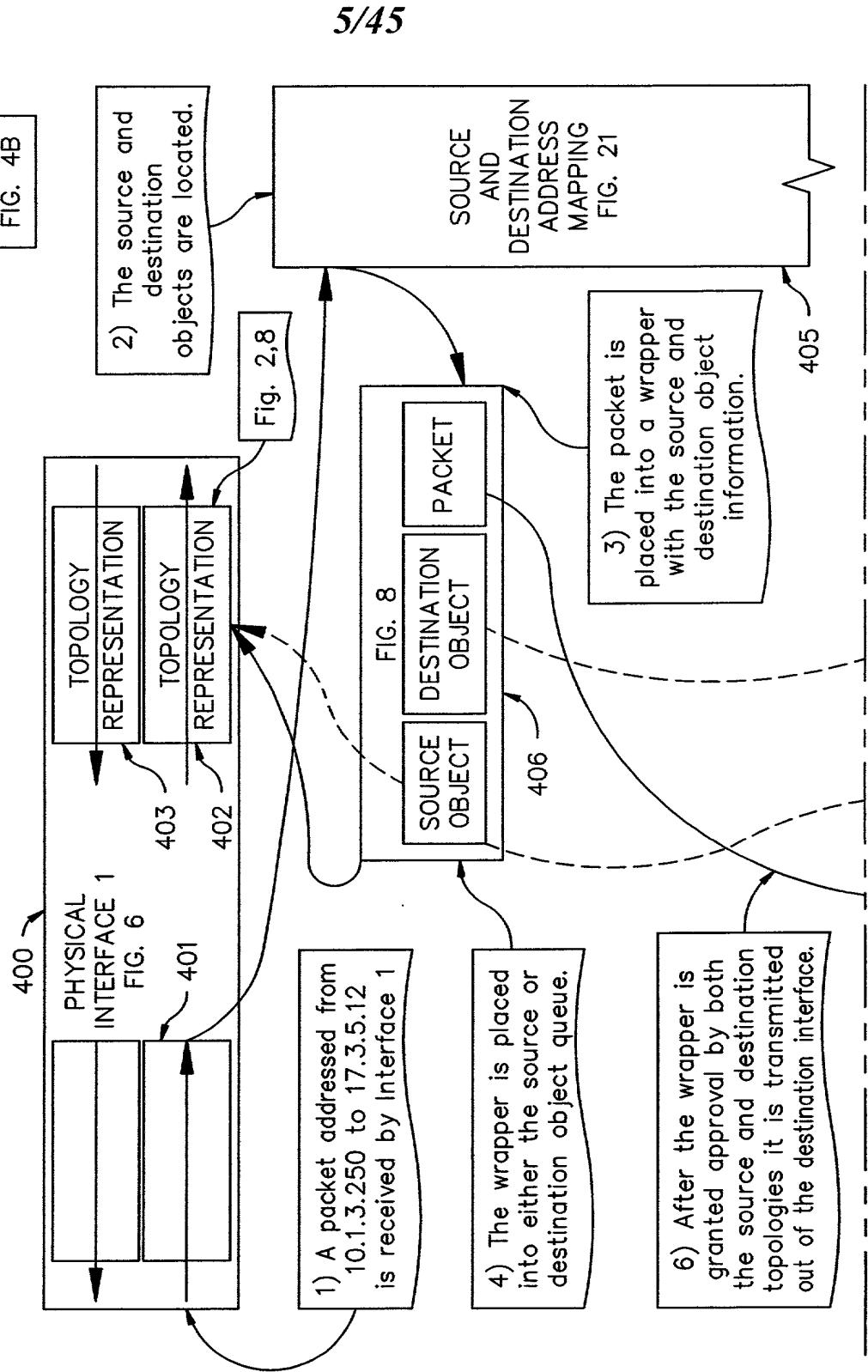


Fig. 3

Fig. 4A

Fig. 4

FIG. 4A
FIG. 4B



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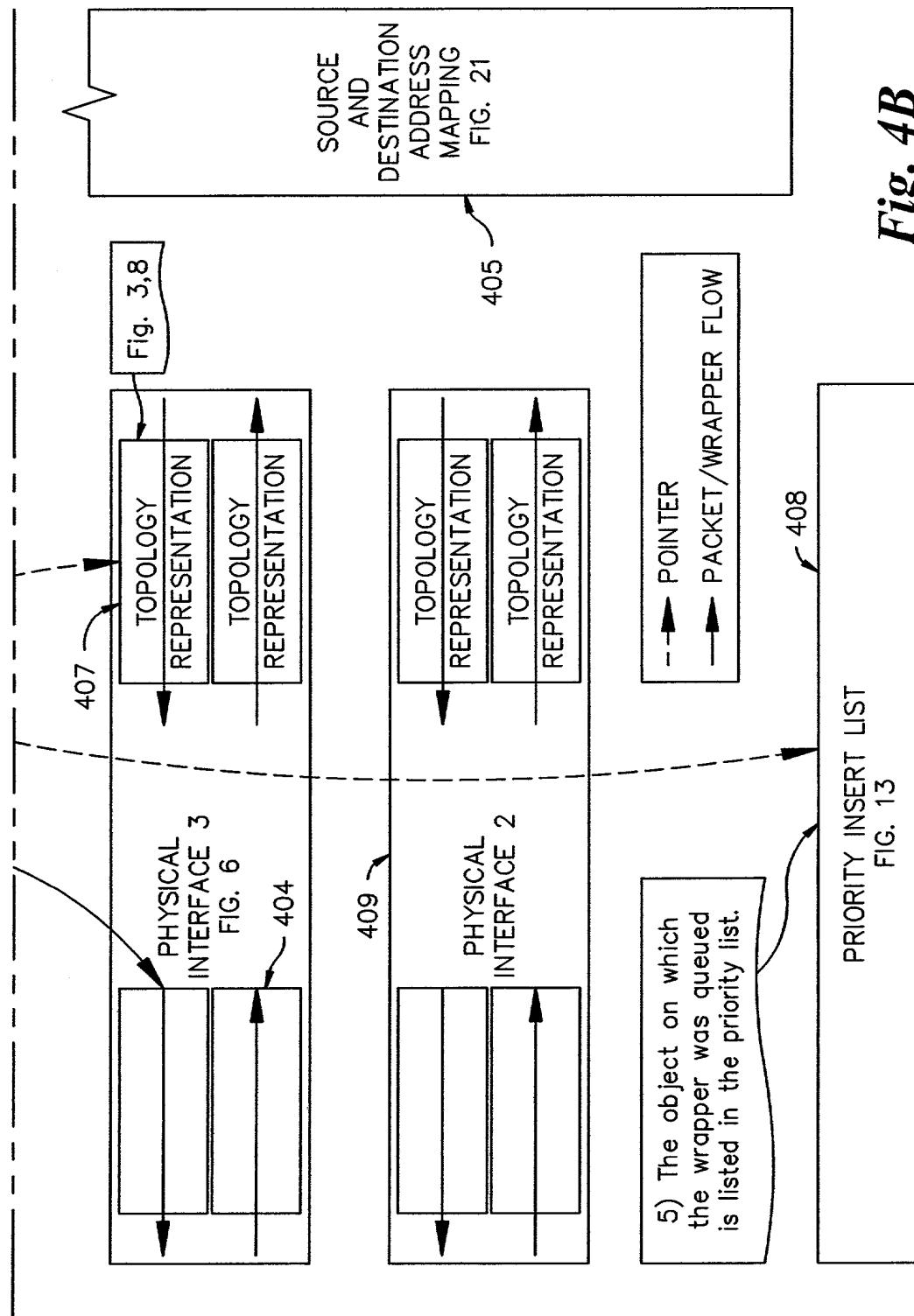


Fig. 4B

Fig. 5A

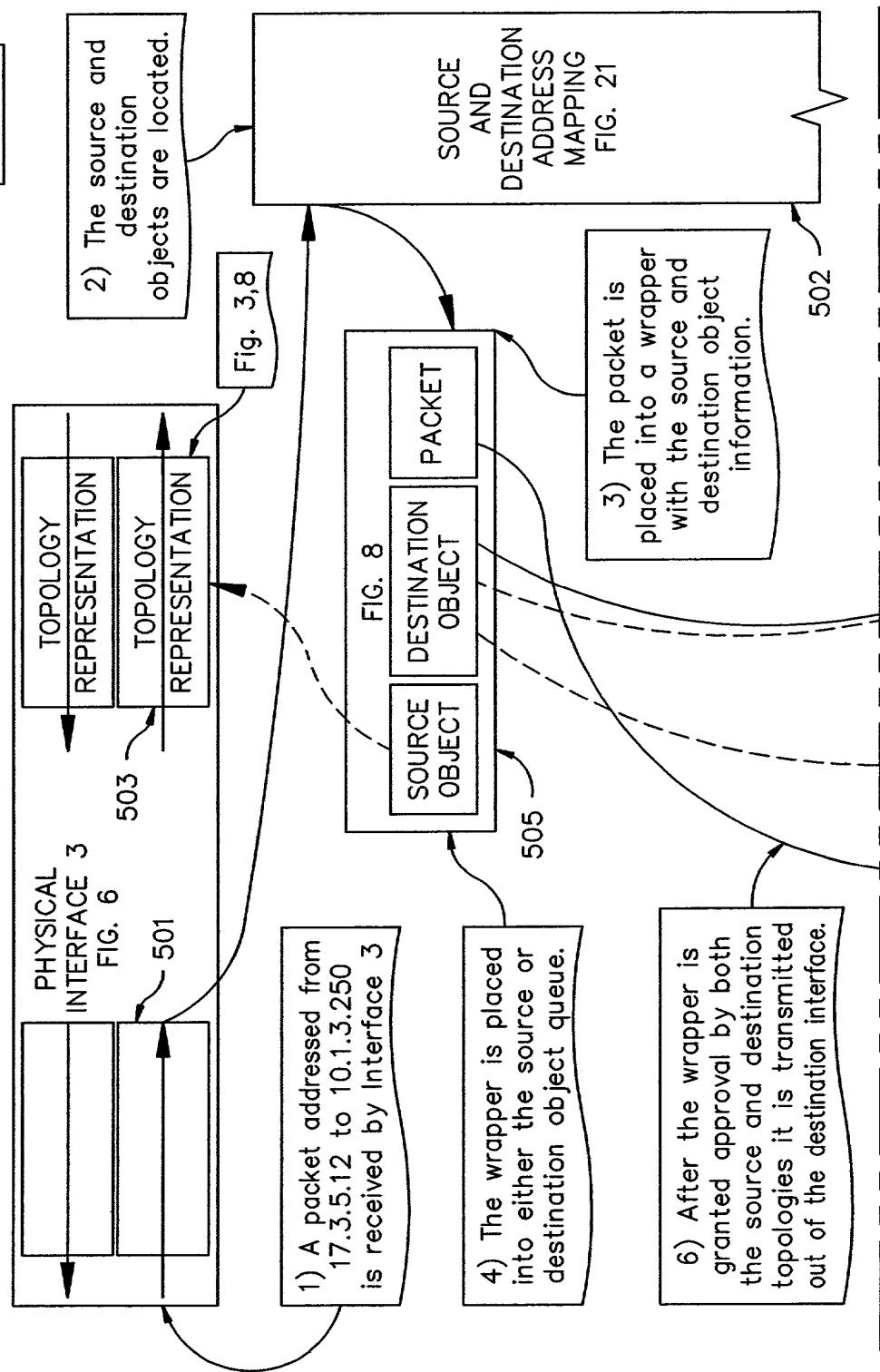


Fig. 5

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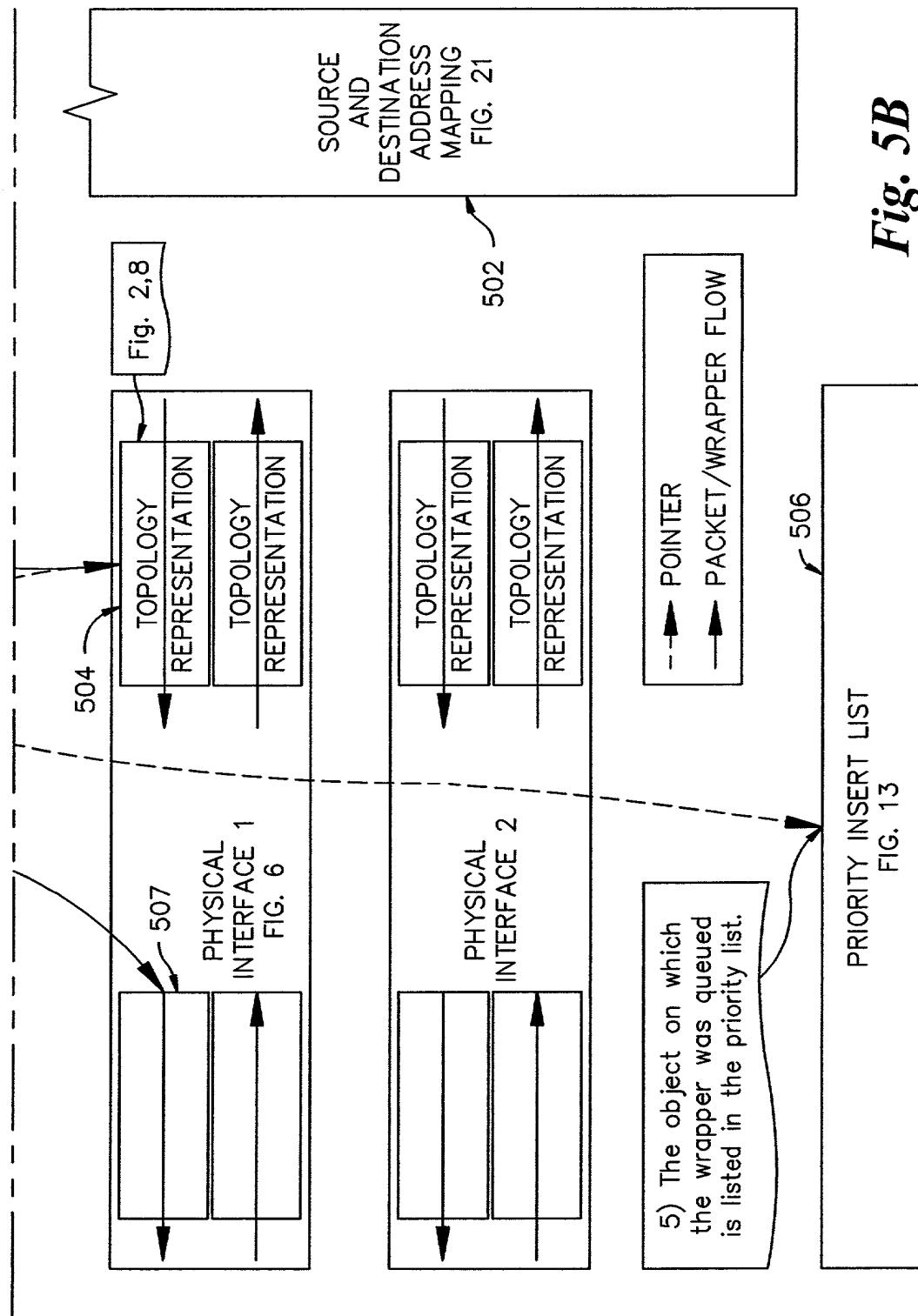
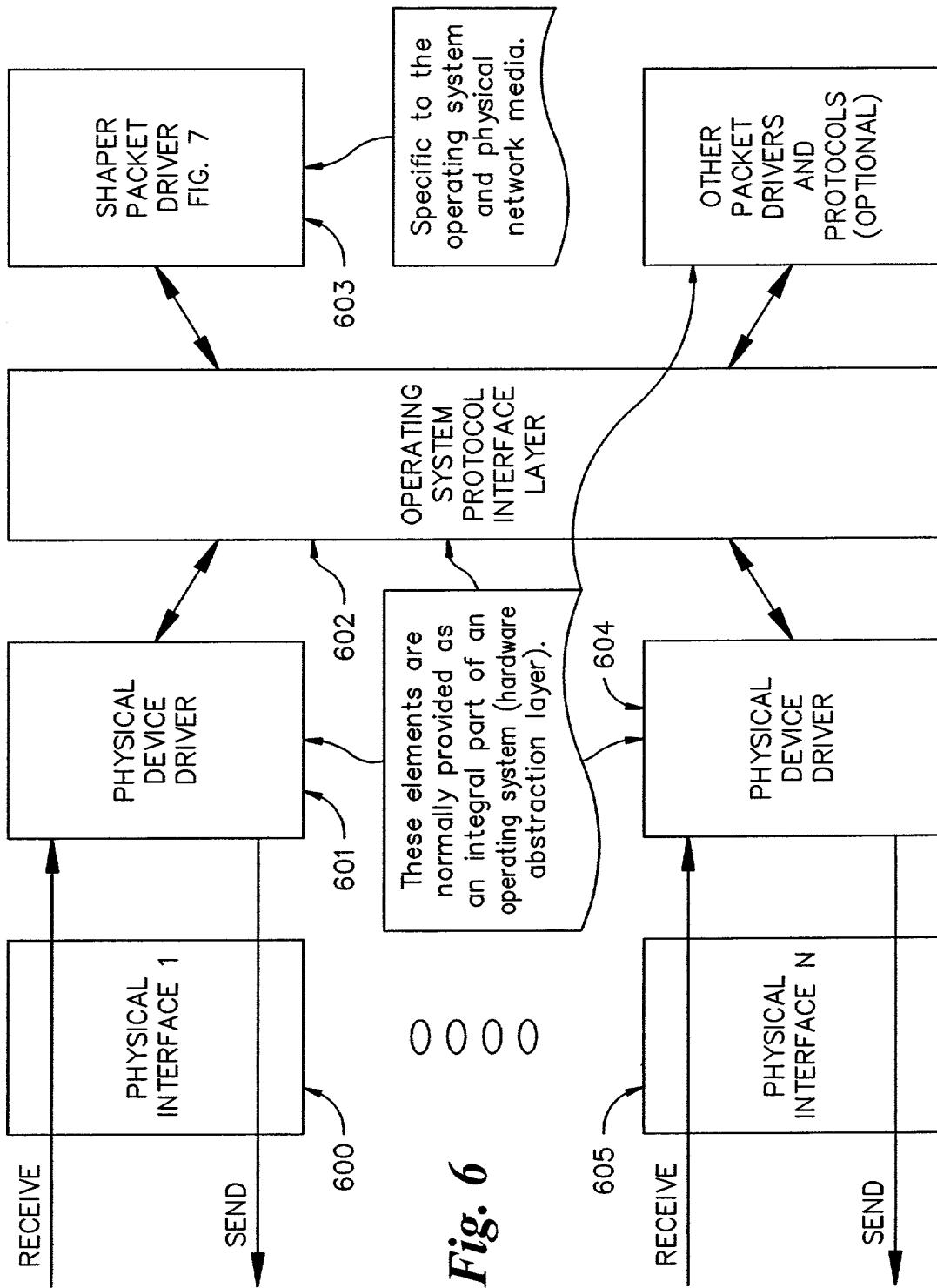


Fig. 5B



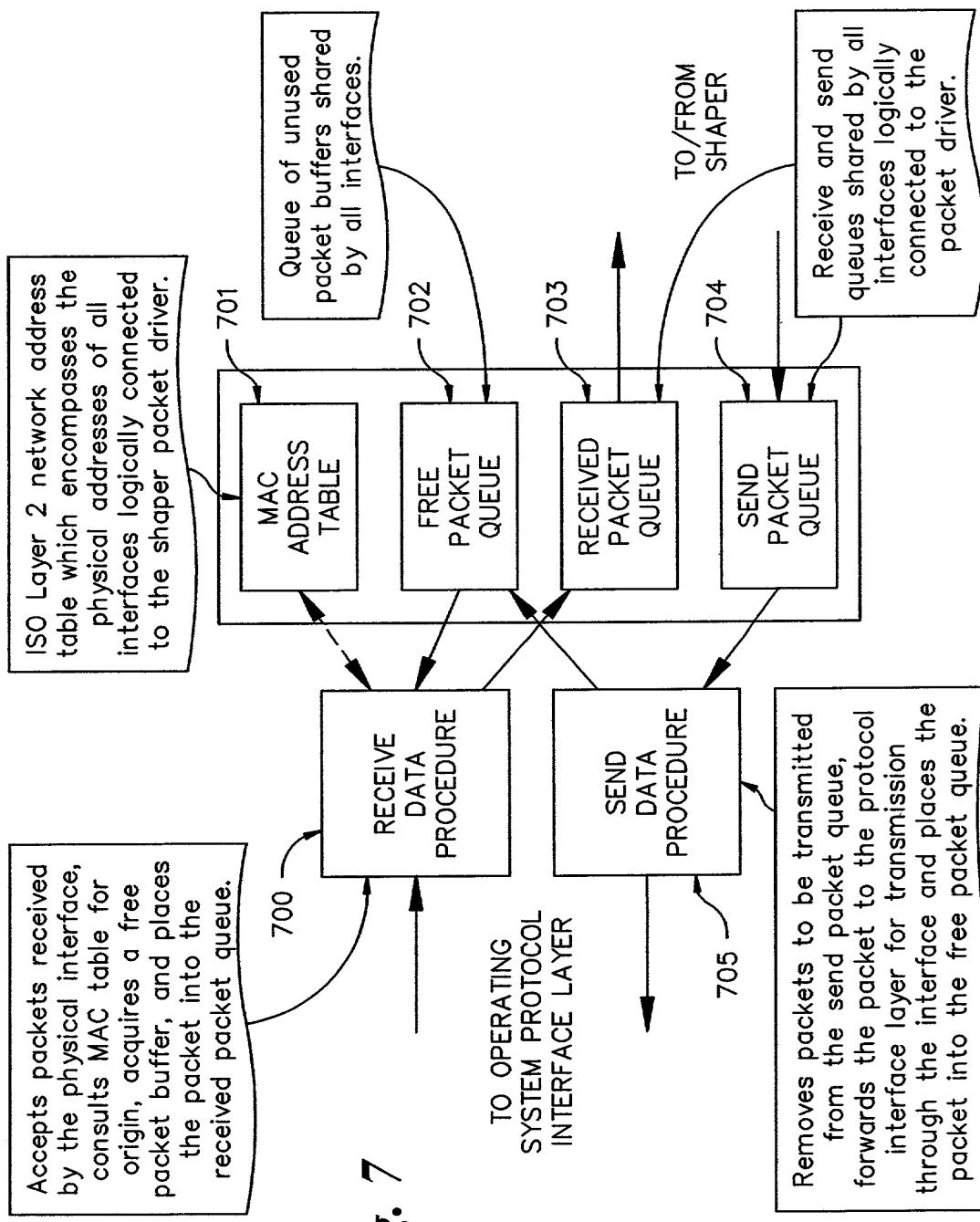
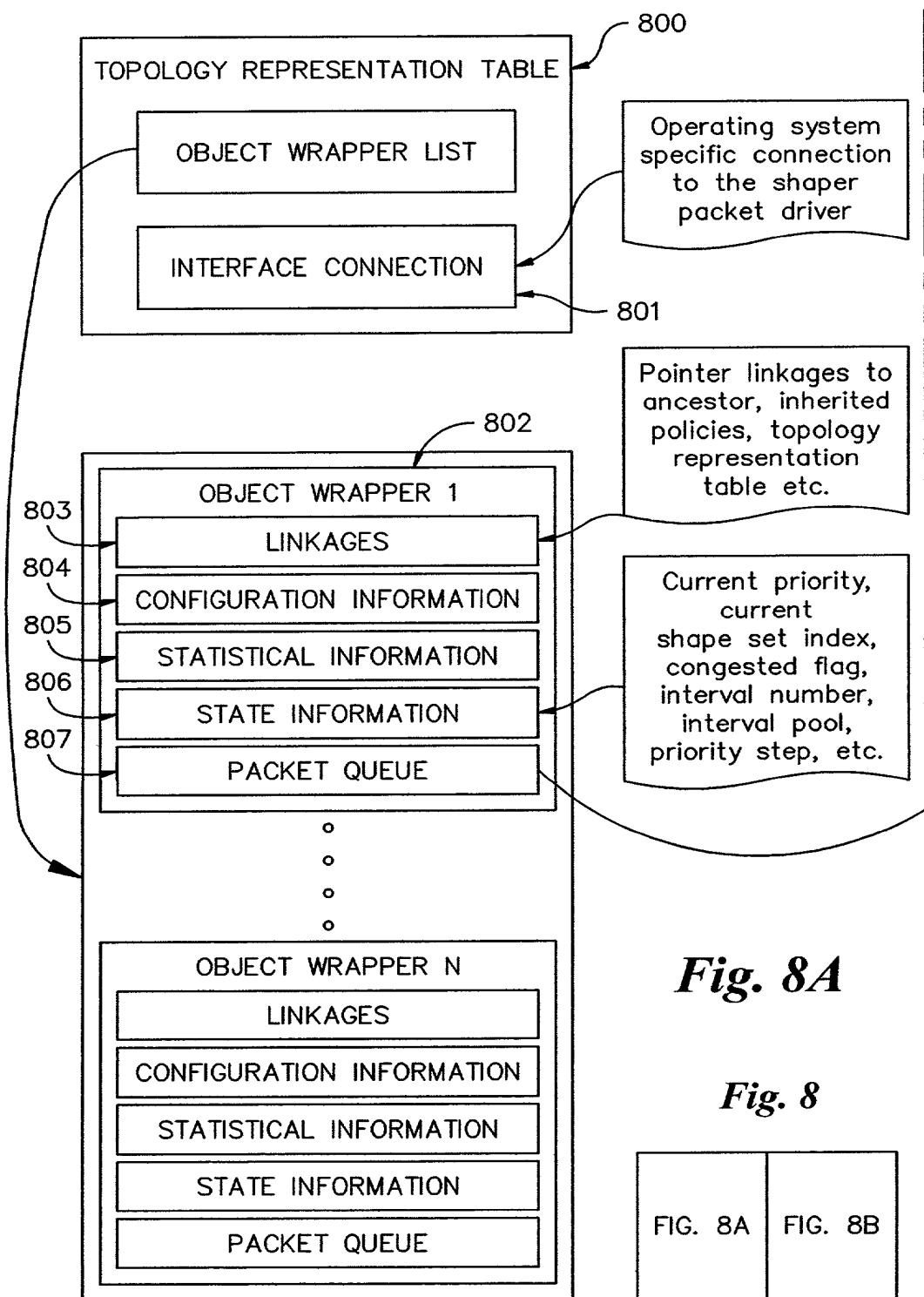


Fig. 7



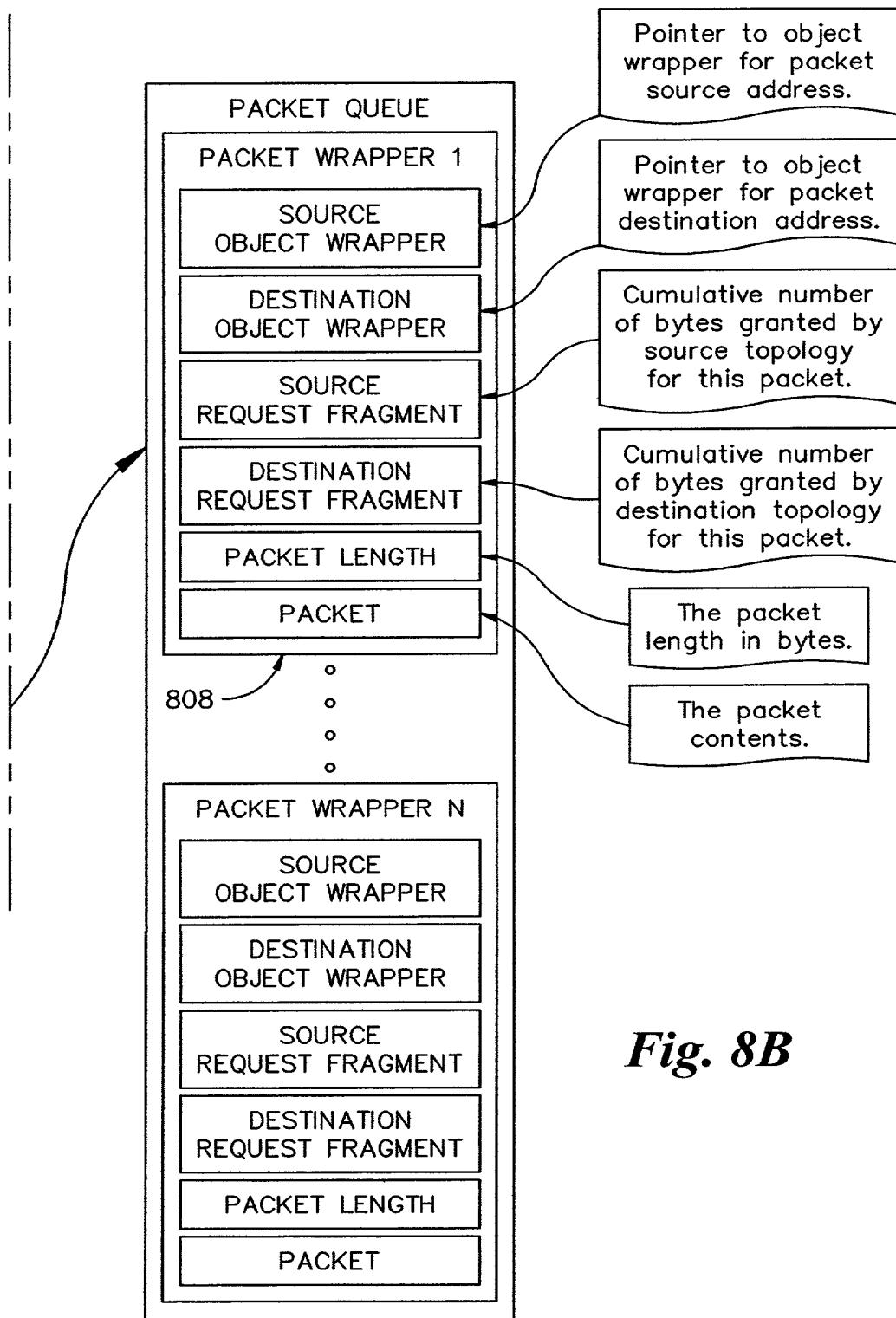
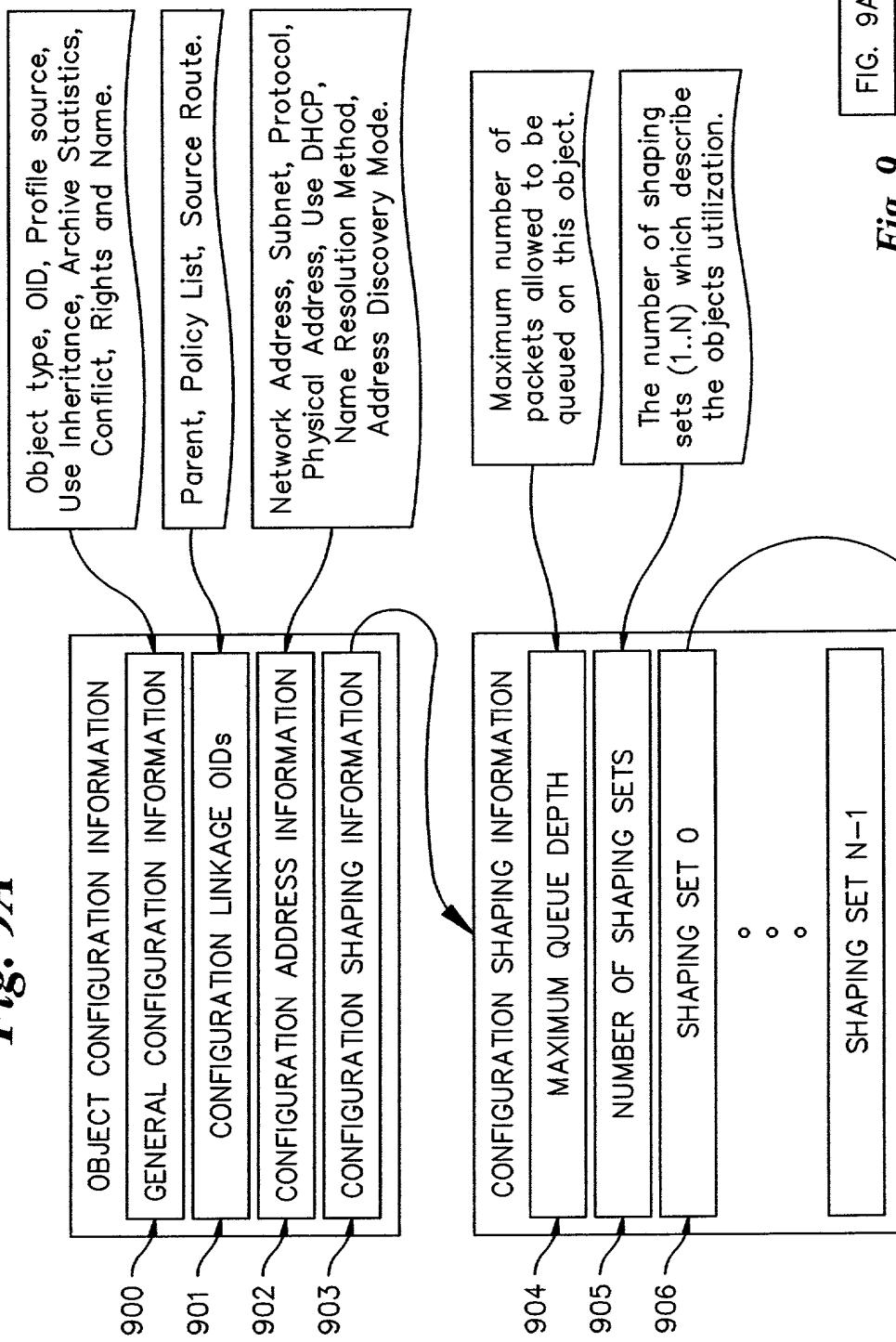
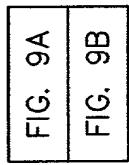
**Fig. 8B**

Fig. 9A**Fig. 9**

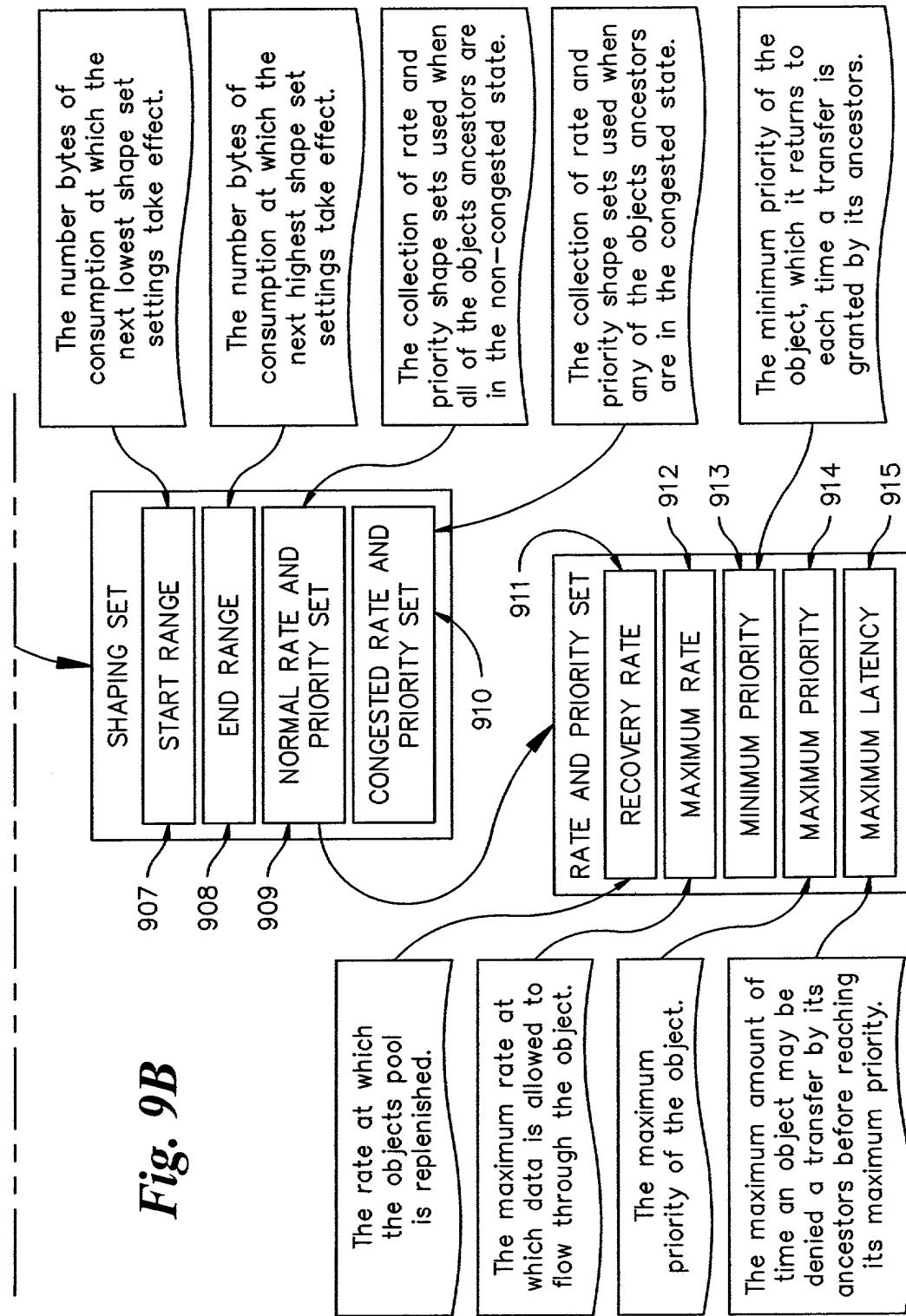


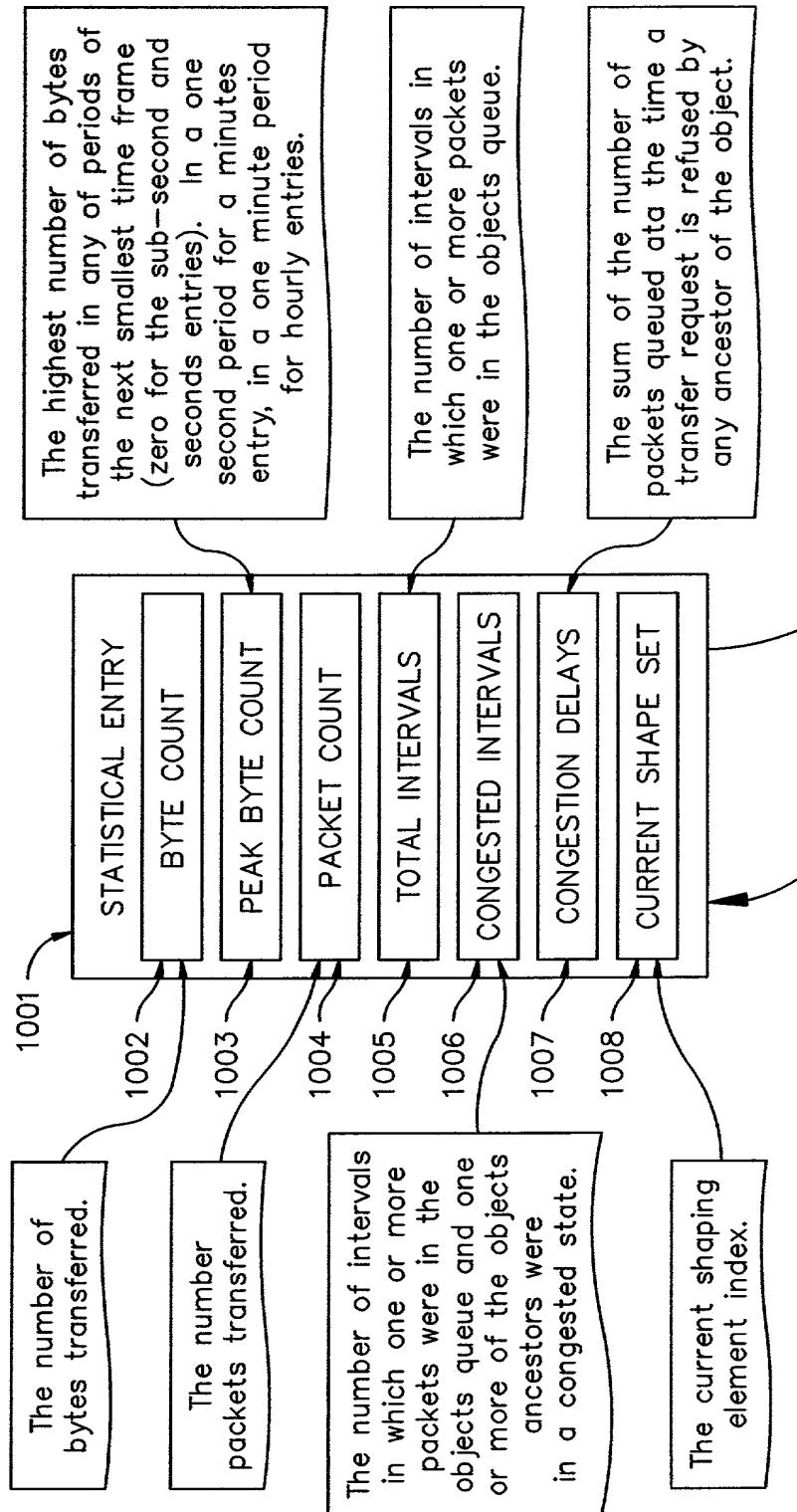
Fig. 9B

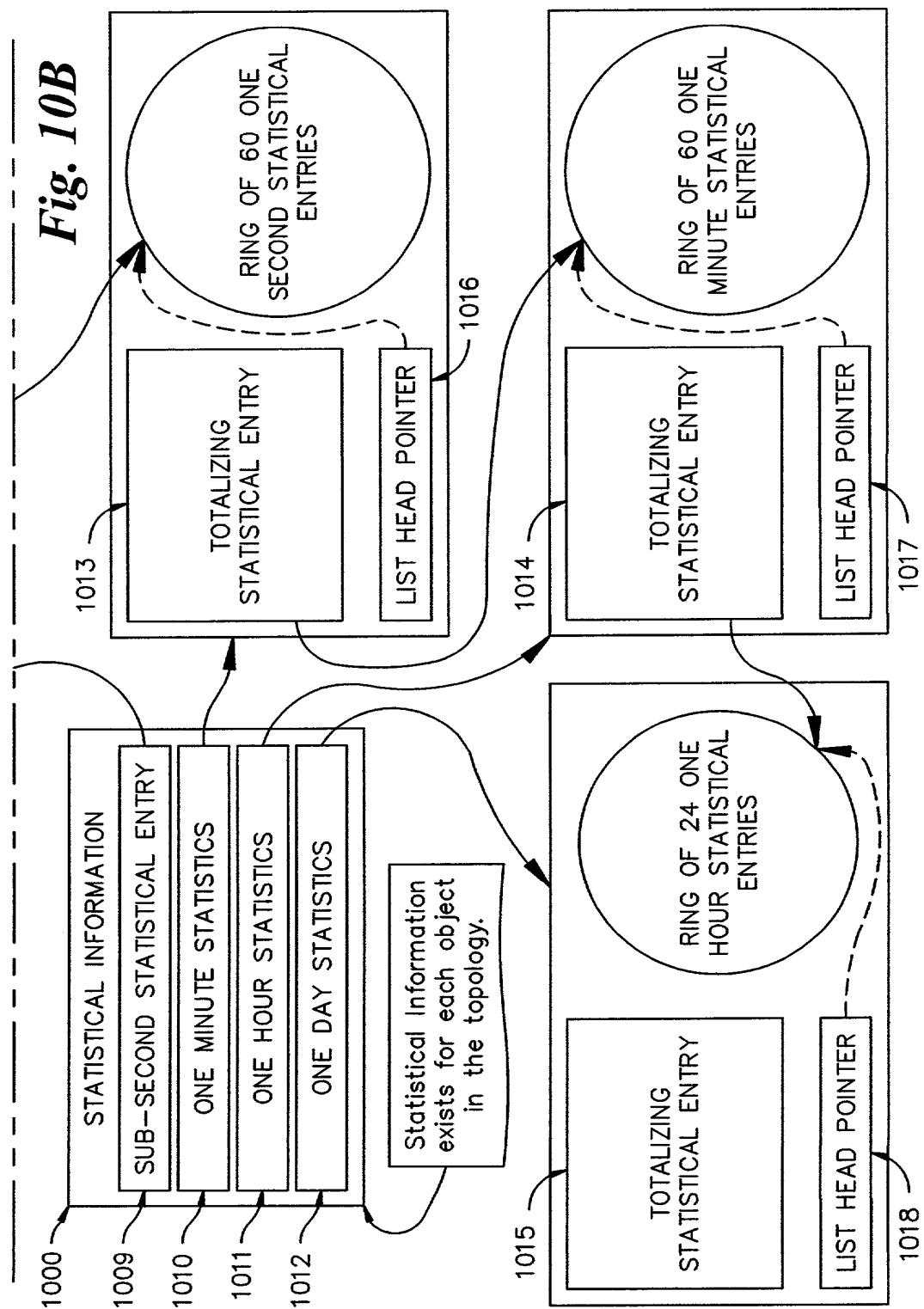
Fig. 10A

FIG. 10A
FIG. 10B

Fig. 10

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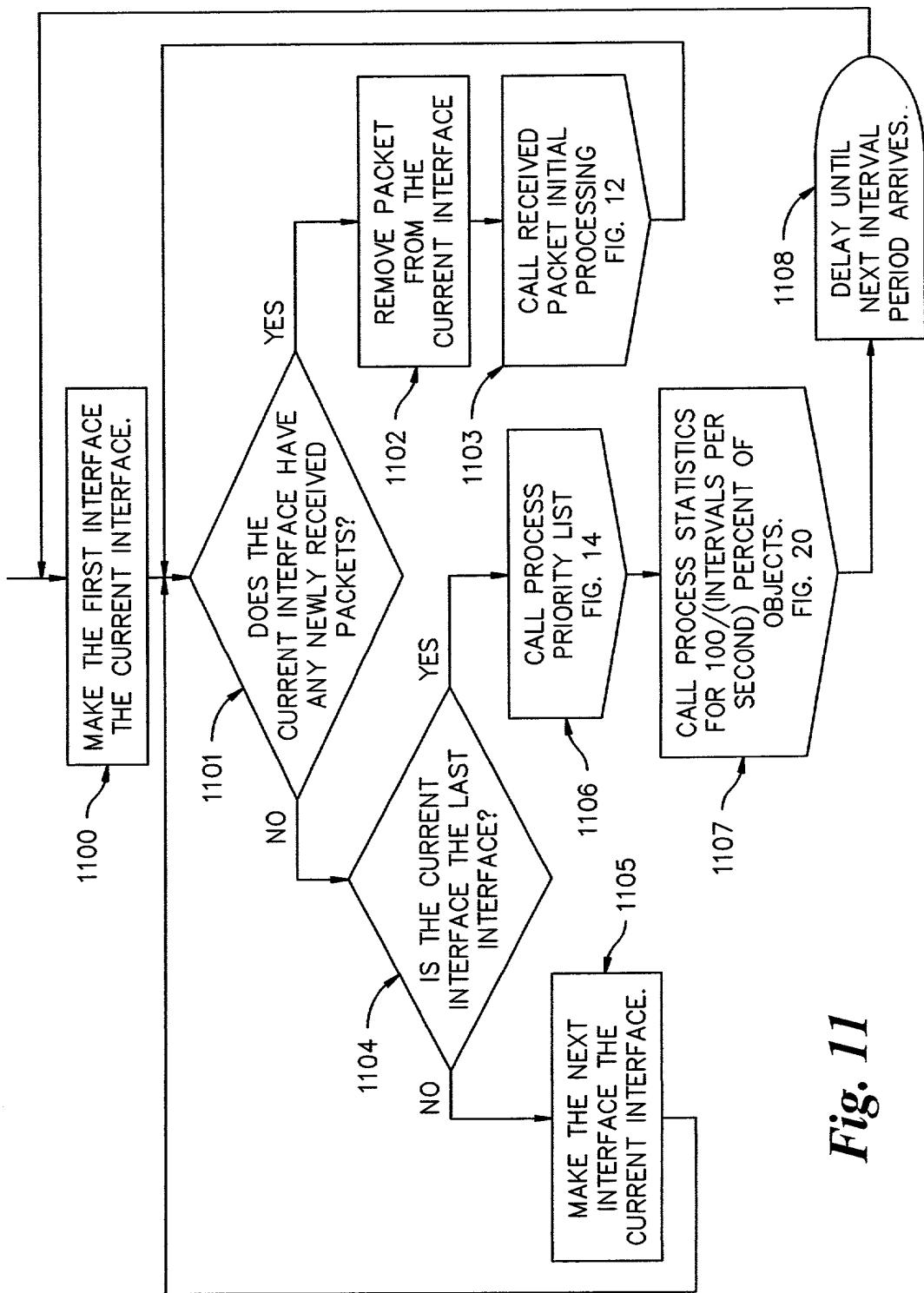


Fig. 11

Fig. 12

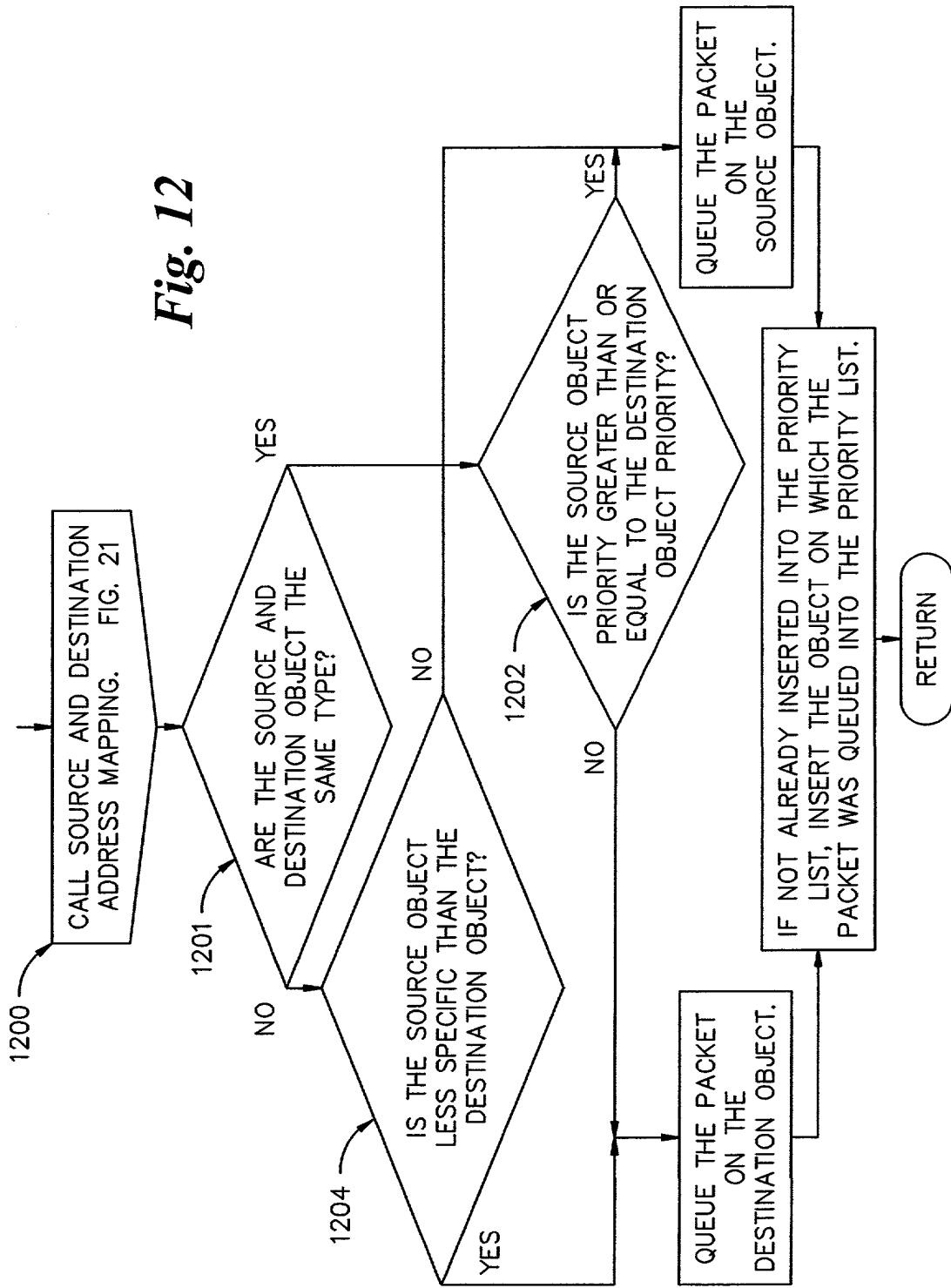
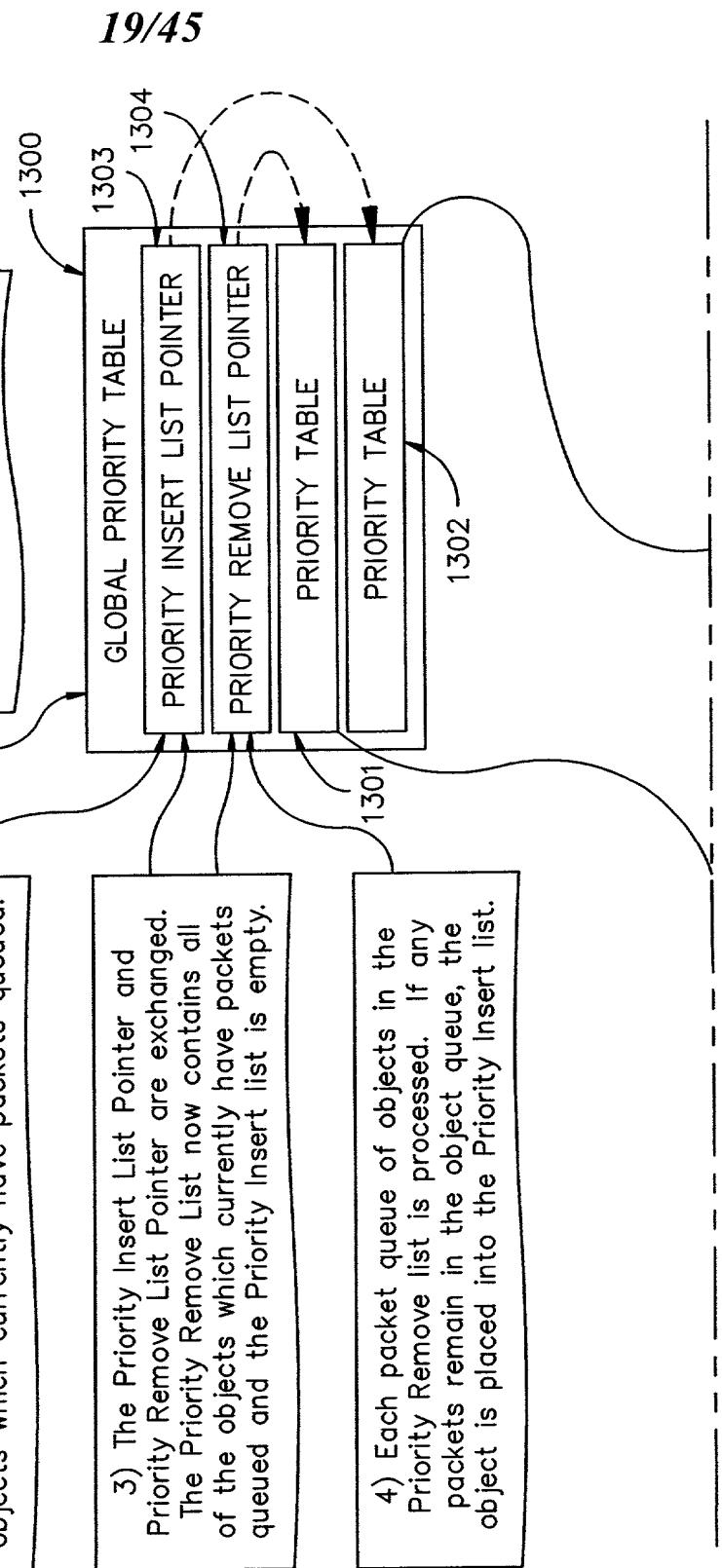


Fig. 13A

FIG. 13A
FIG. 13B

2) All packets are received from the physical interface, placed into queues on the objects, and the objects are listed in Insert Priority List. The Priority Insert list now contains all of the objects which currently have packets queued.

1) Objects that have new packets queued are inserted into the list this points to.



3) The Priority Insert List Pointer and Priority Remove List Pointer are exchanged. The Priority Remove List now contains all of the objects which currently have packets queued and the Priority Insert list is empty.

4) Each packet queue of objects in the Priority Remove list is processed. If any packets remain in the object queue, the object is placed into the Priority Insert list.

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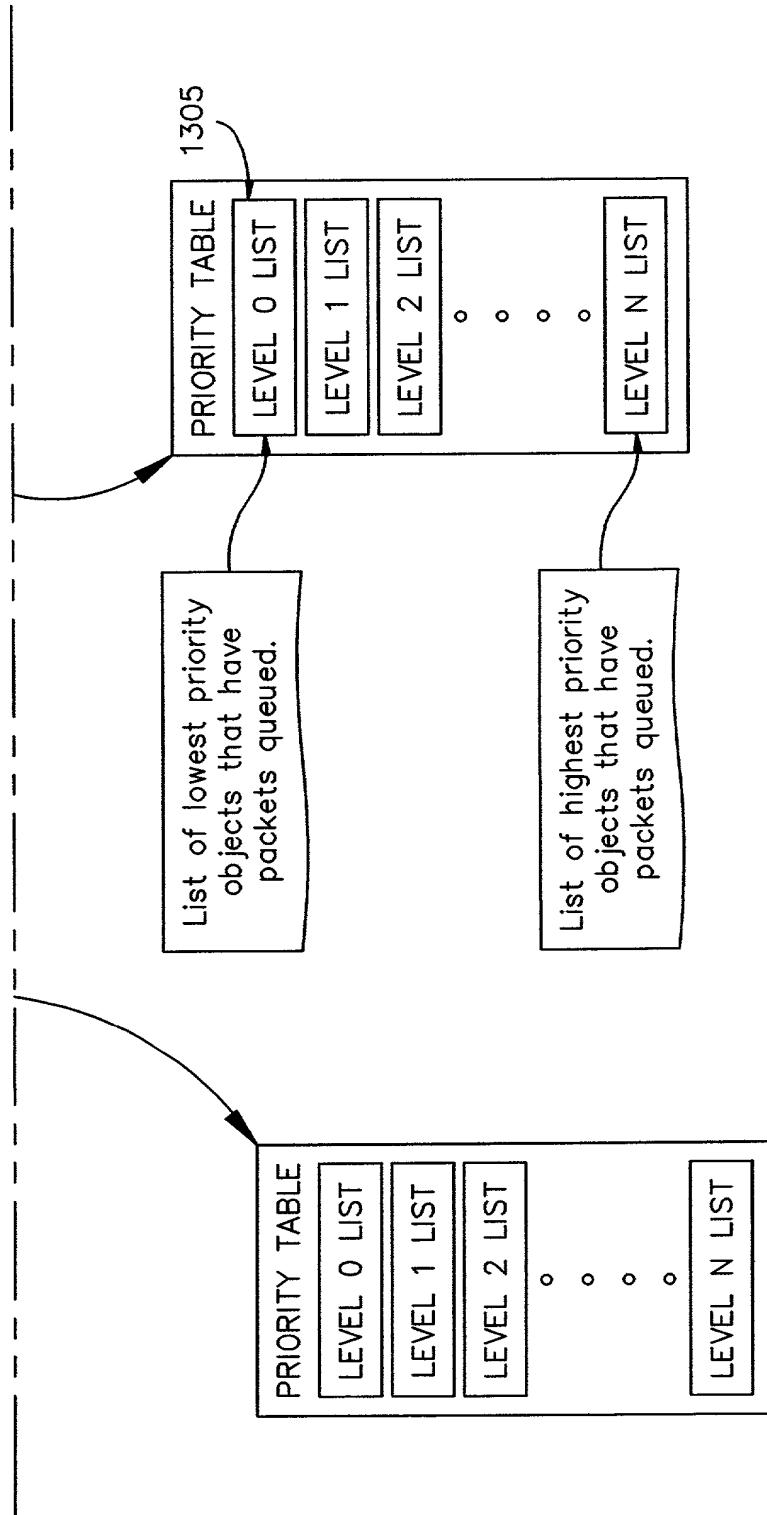


Fig. 13B

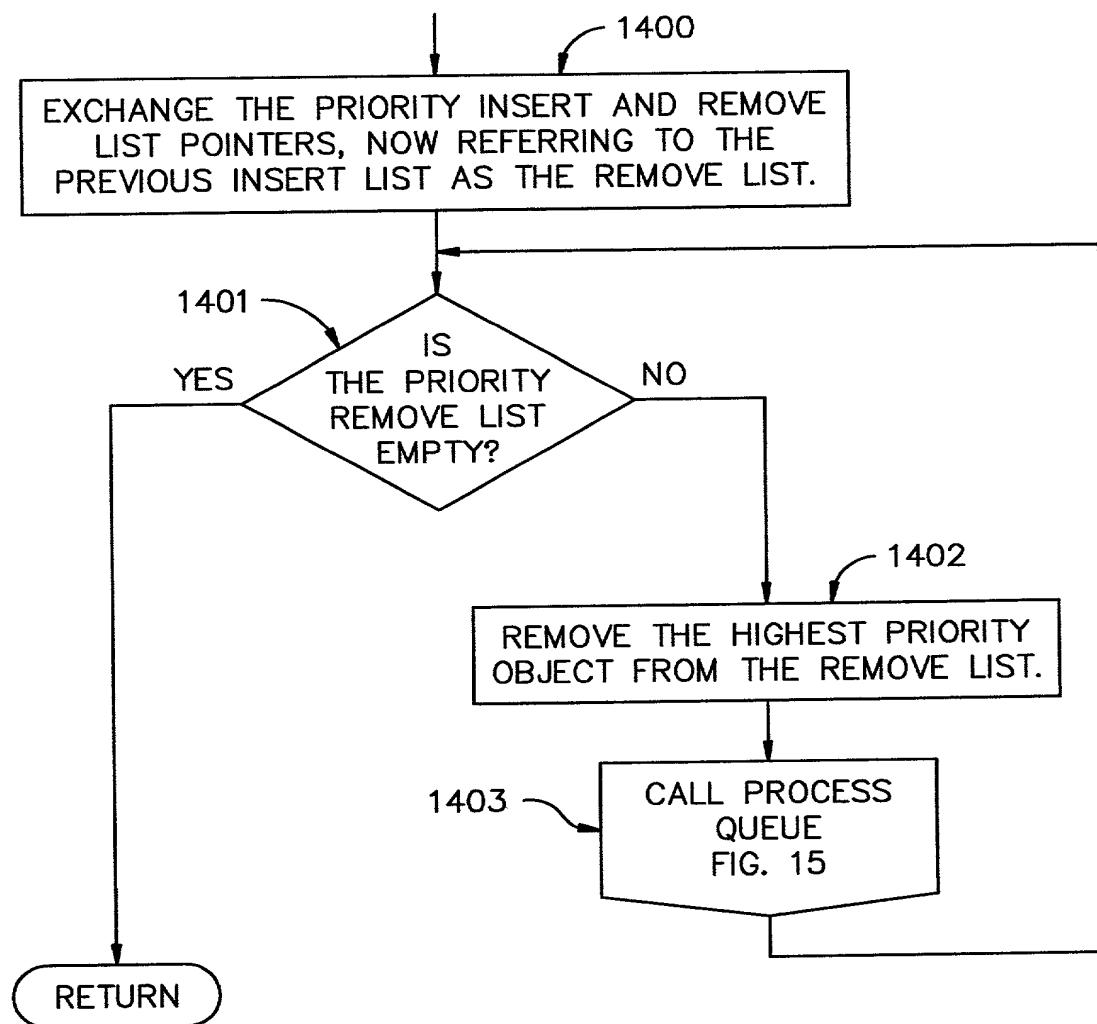


Fig. 14

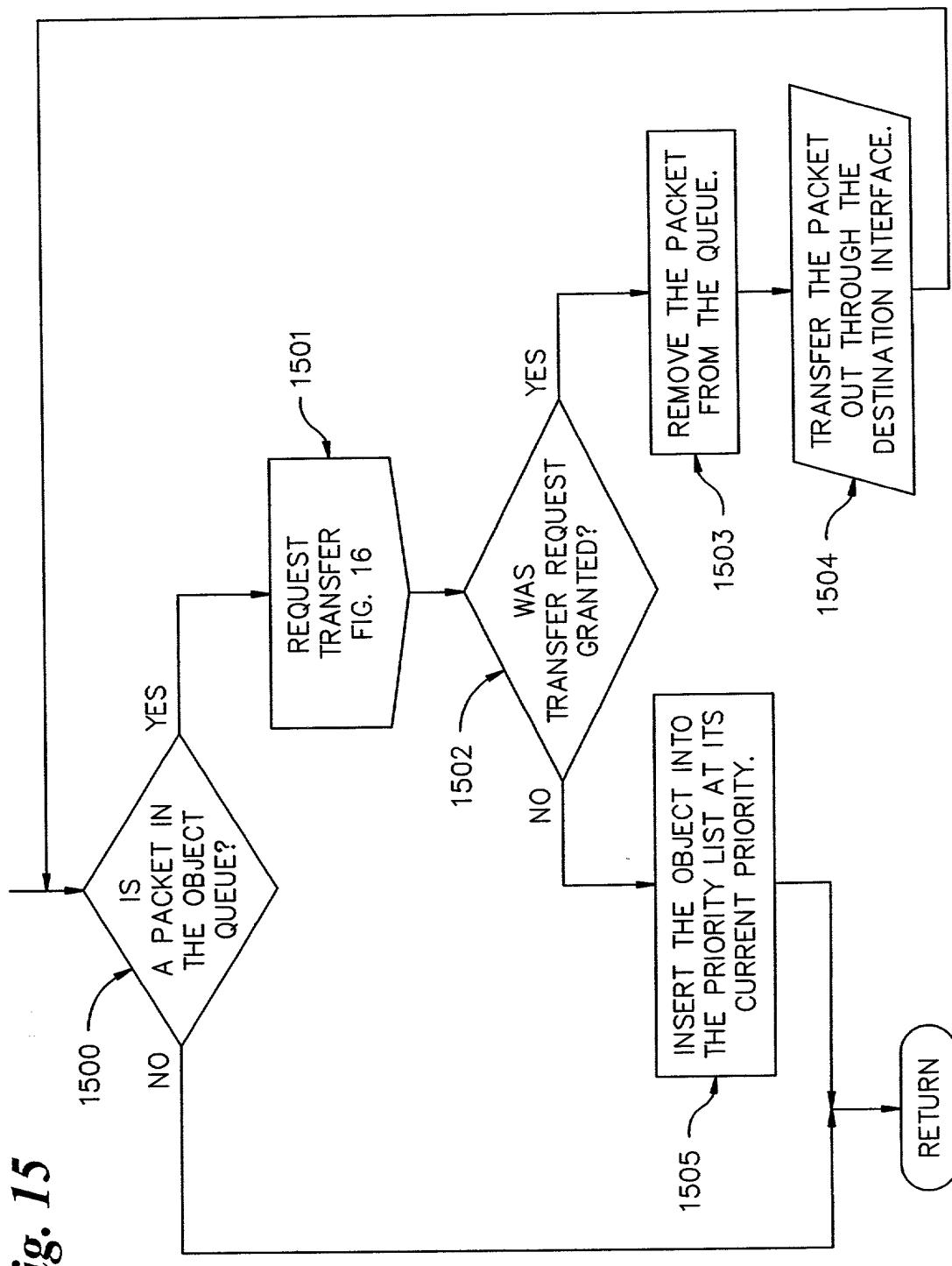


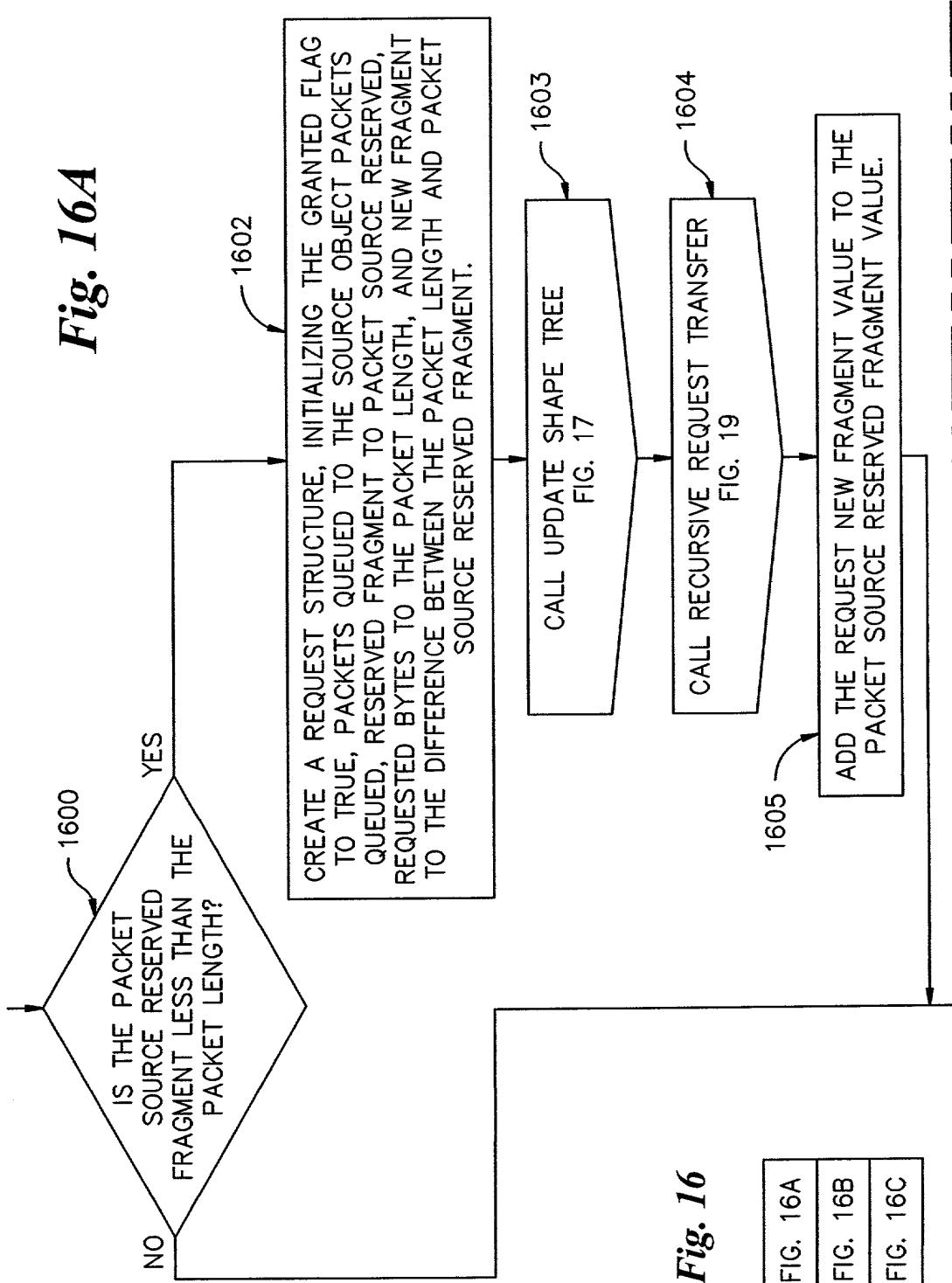
Fig. 16A**Fig. 16**

FIG. 16A
FIG. 16B
FIG. 16C

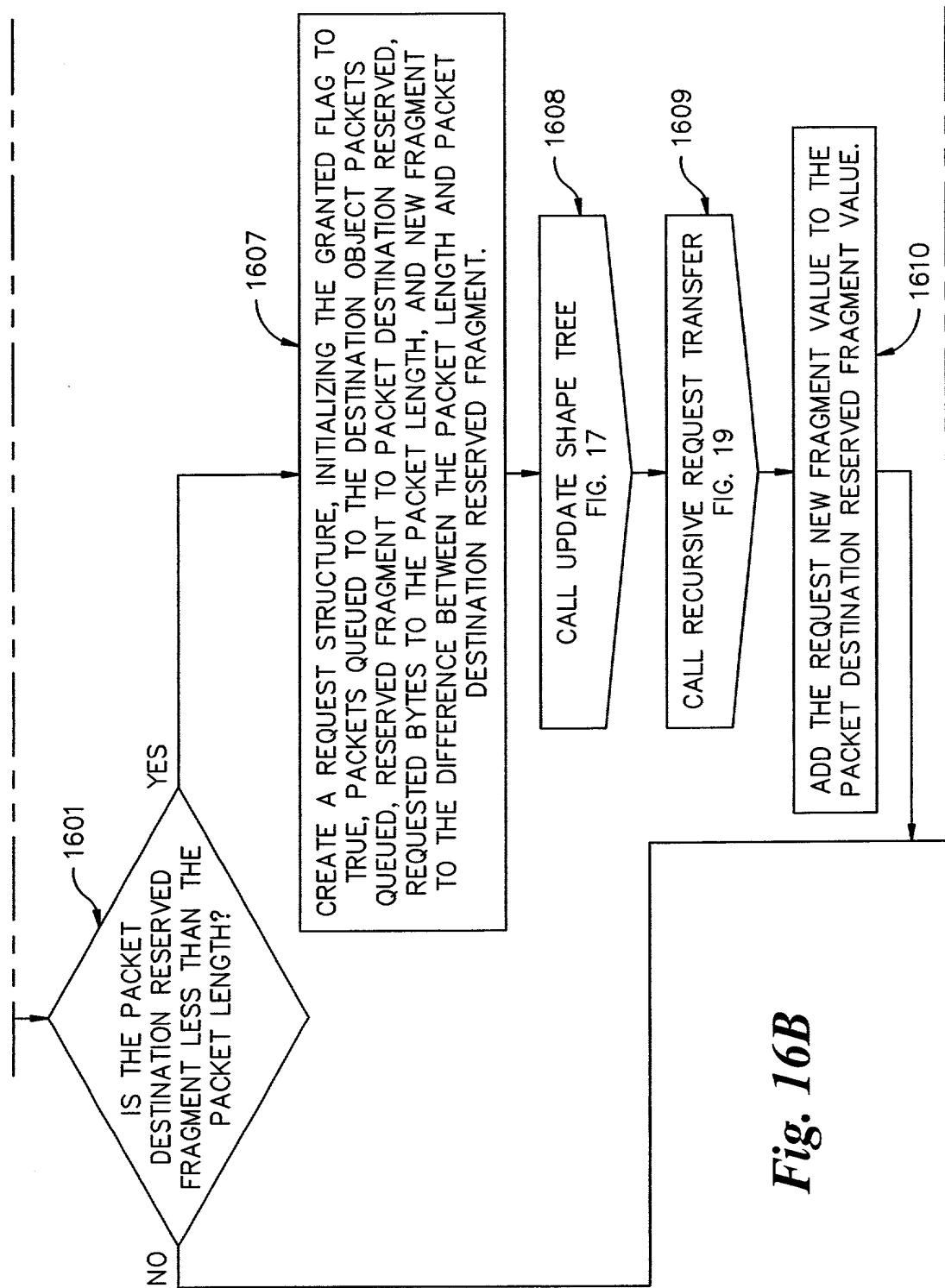
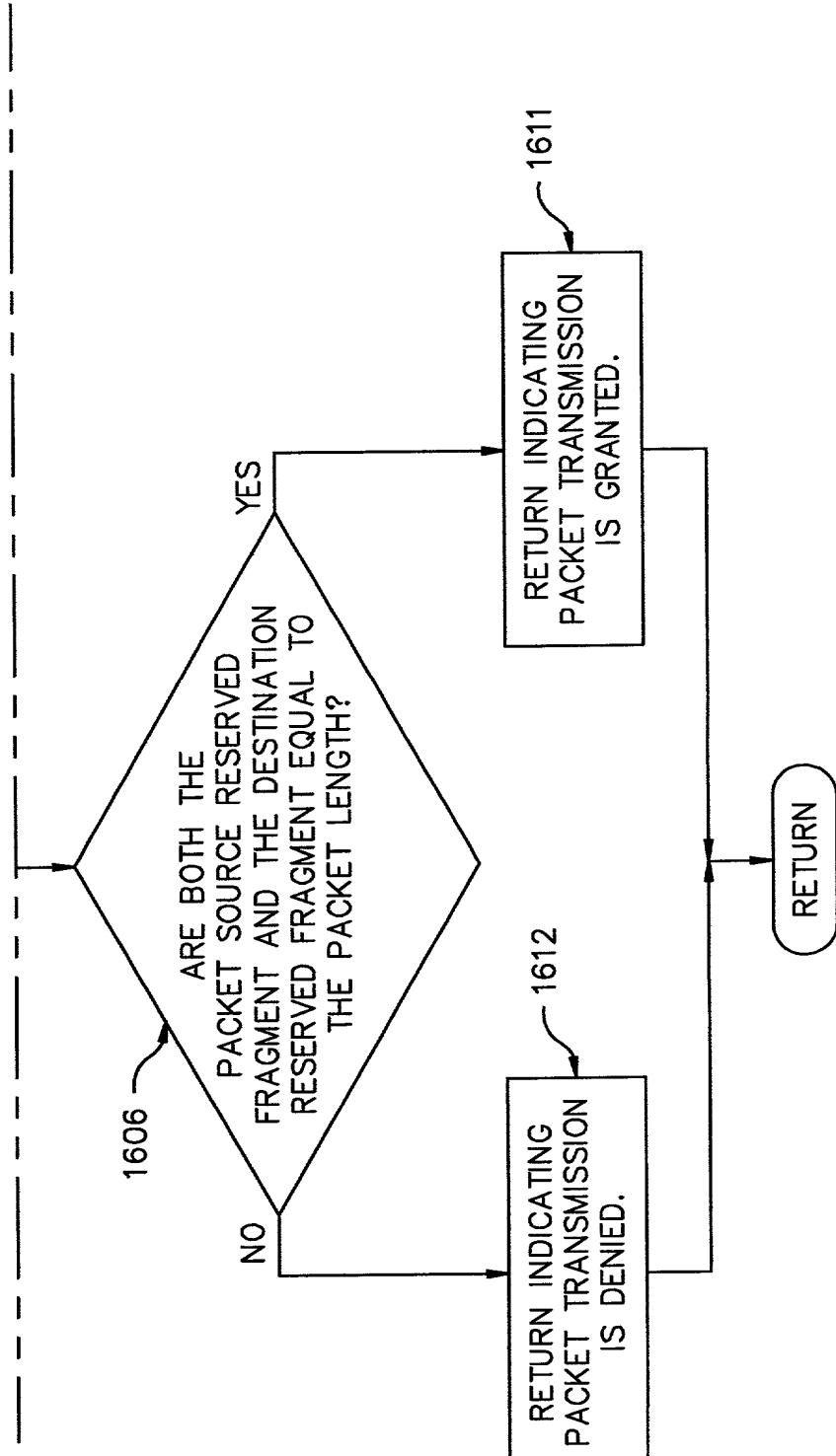
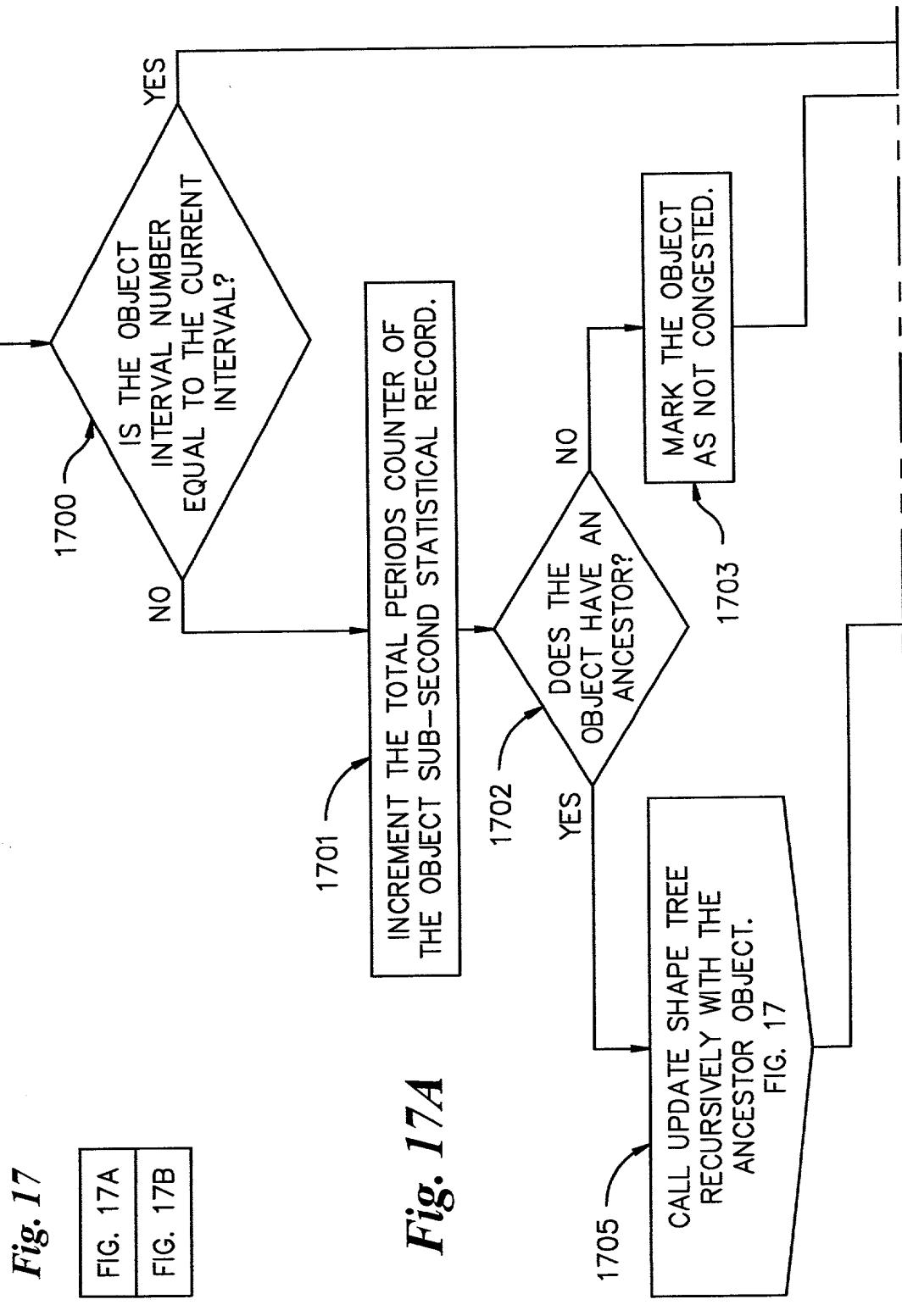


Fig. 16B

Fig. 16C





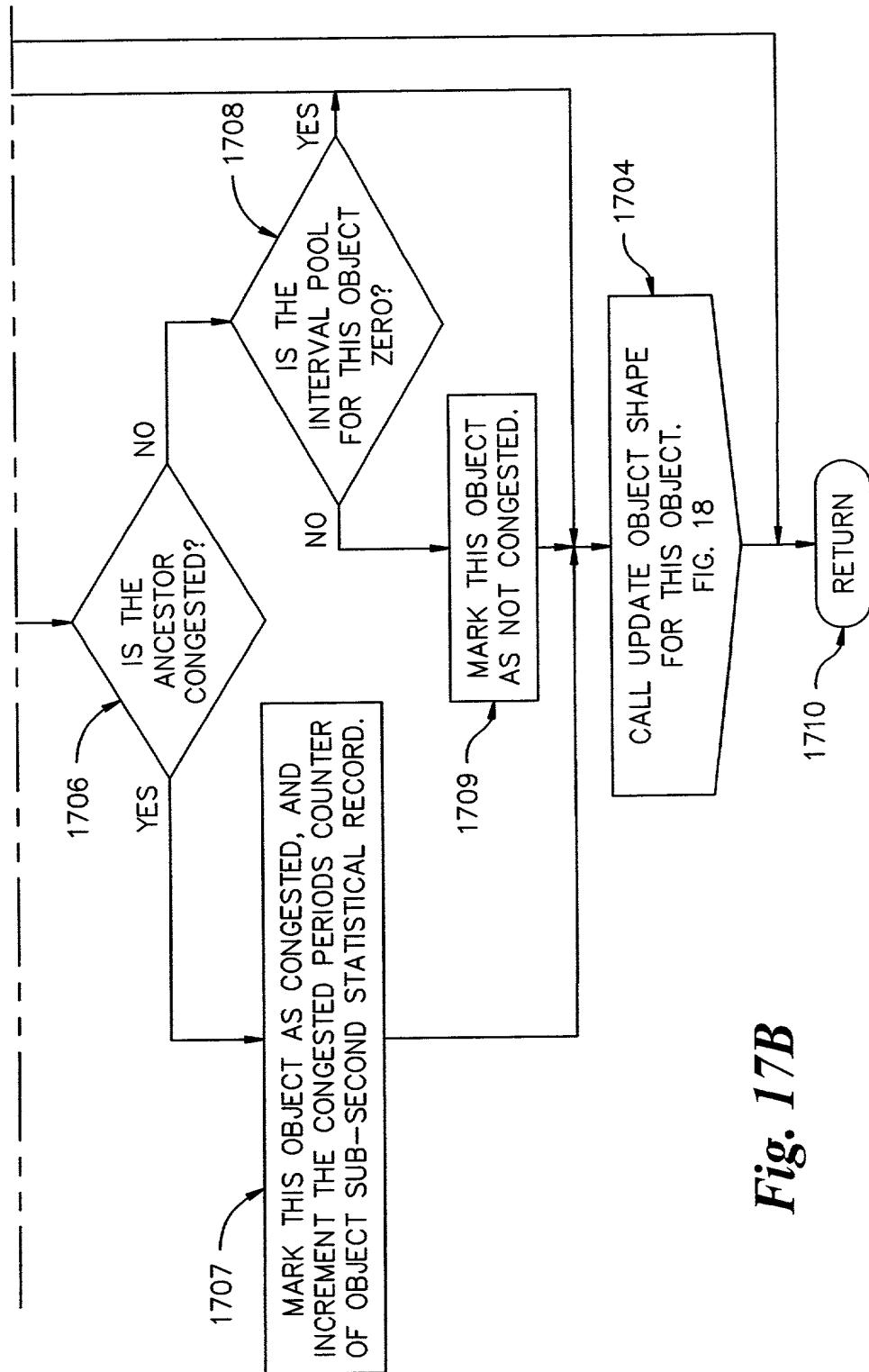
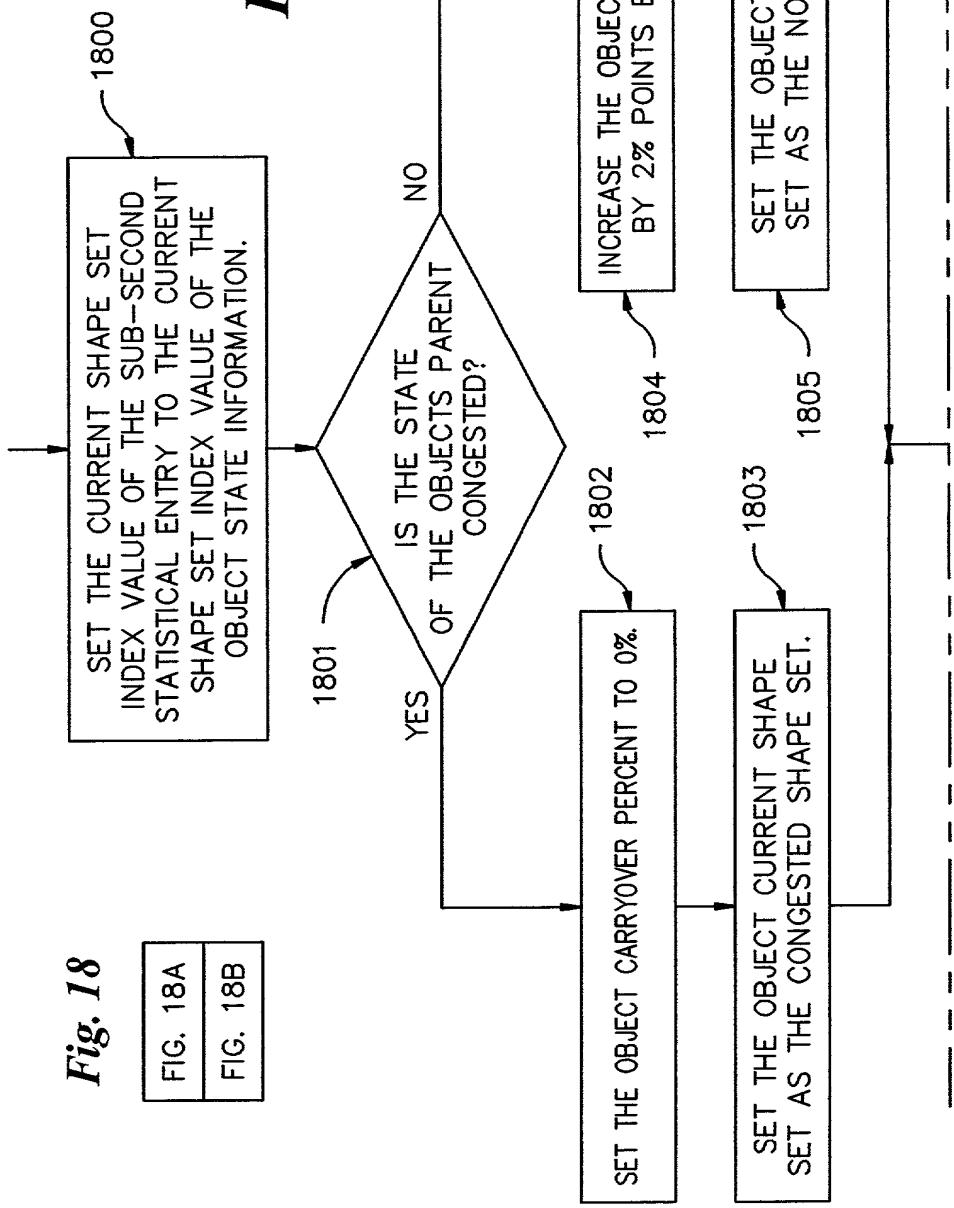


Fig. 17B

Fig. 18

FIG. 18A

FIG. 18B

**Fig. 18A**

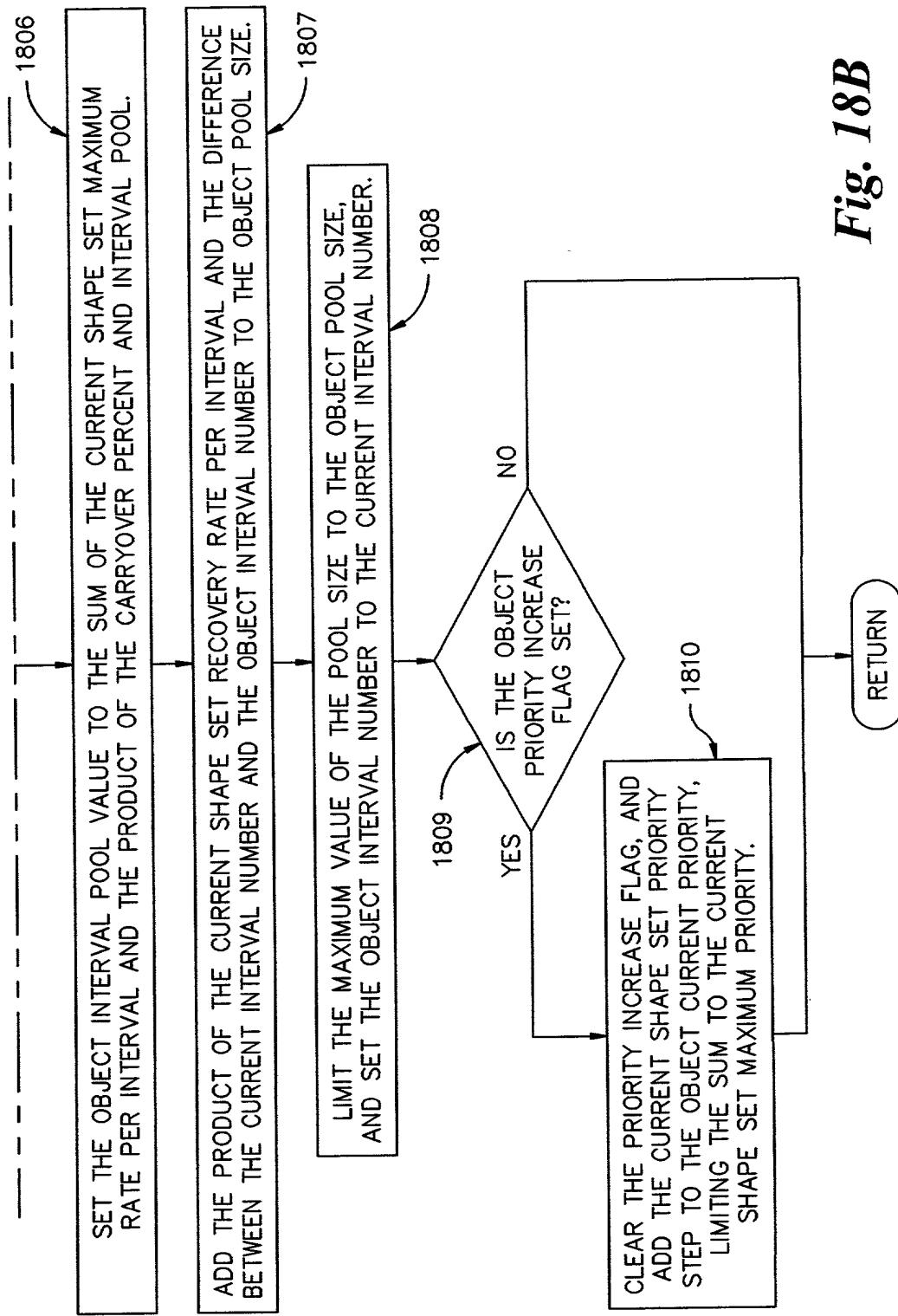


Fig. 18B

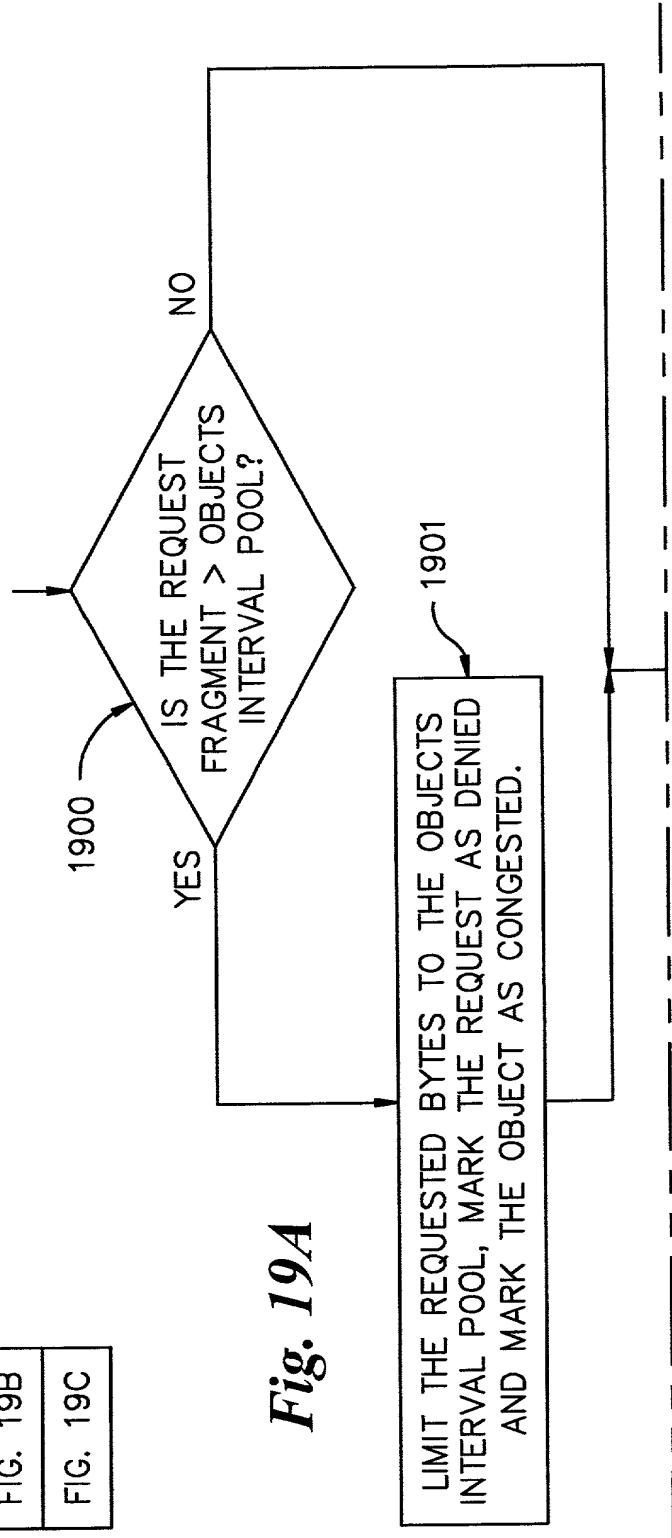
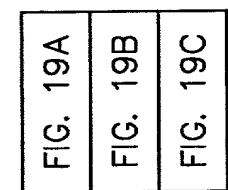
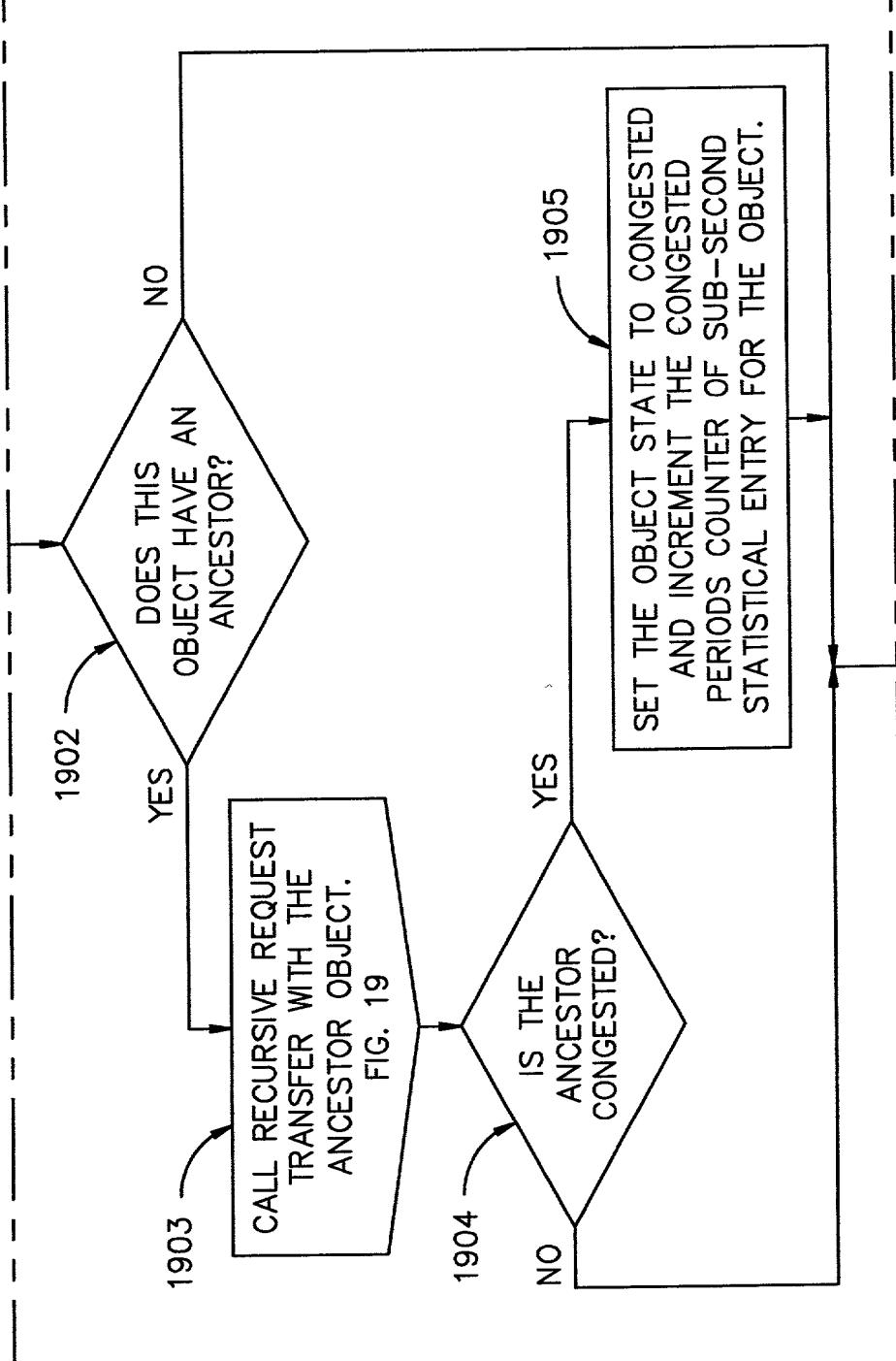
Fig. 19

Fig. 19B



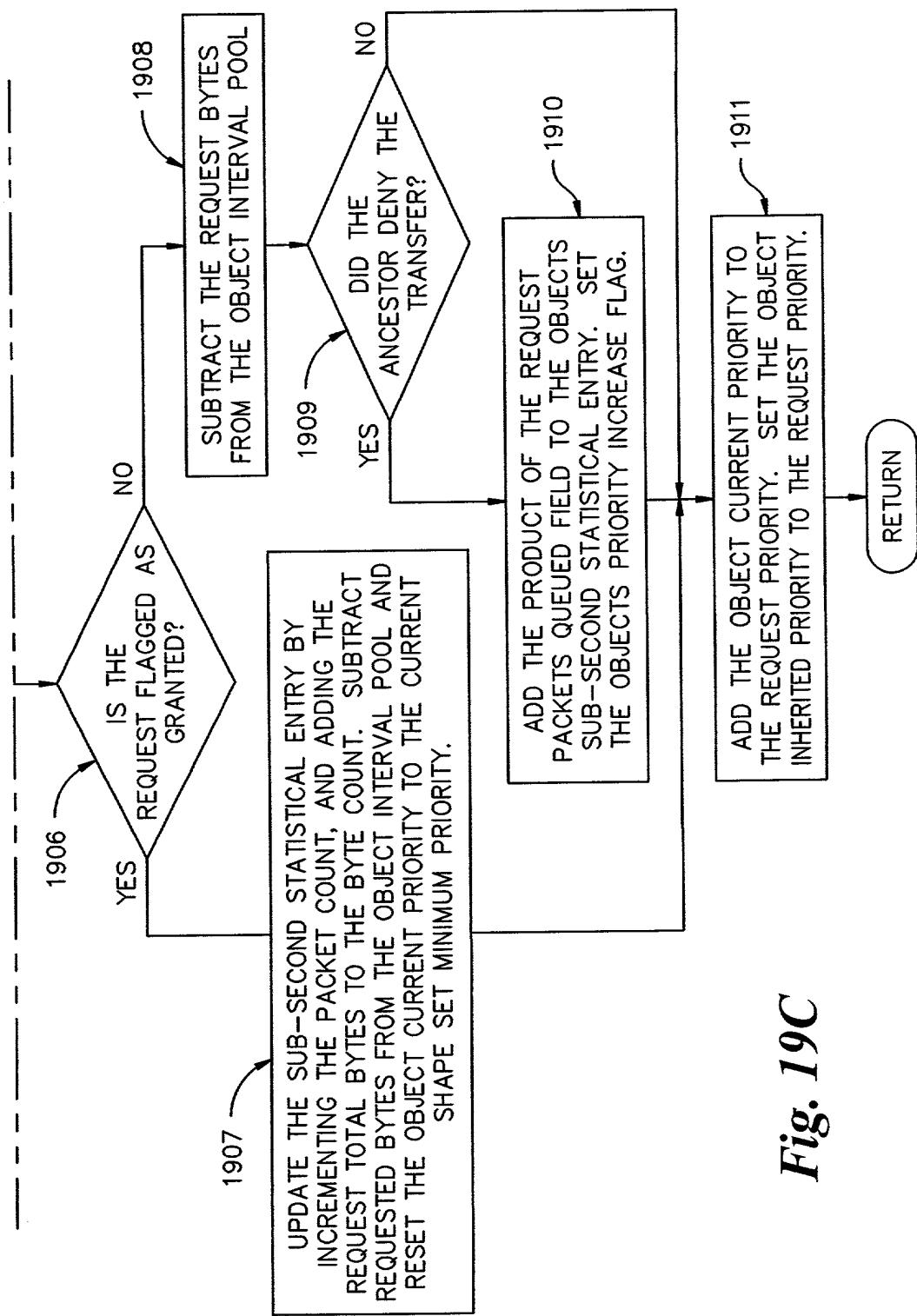
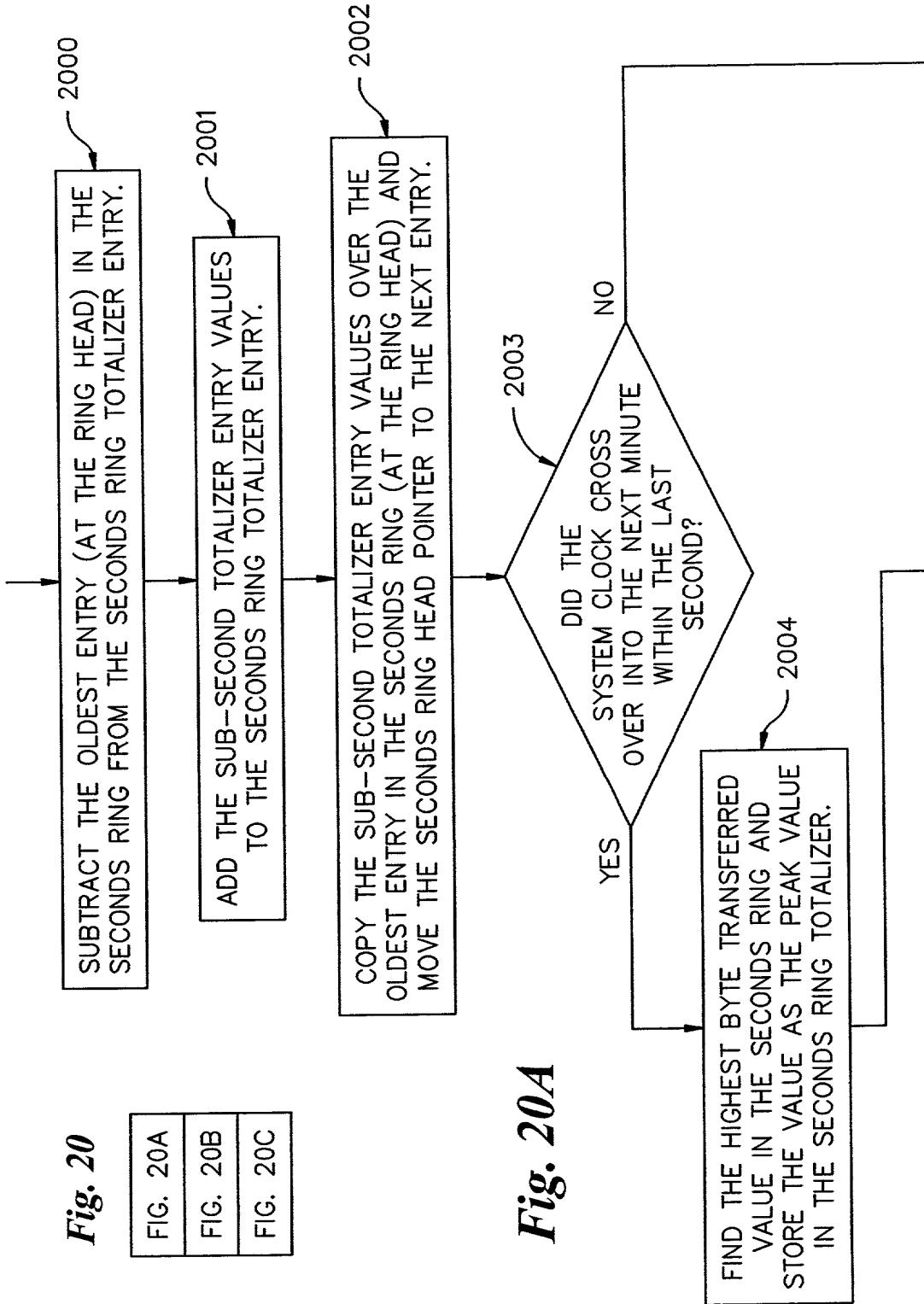


Fig. 19C



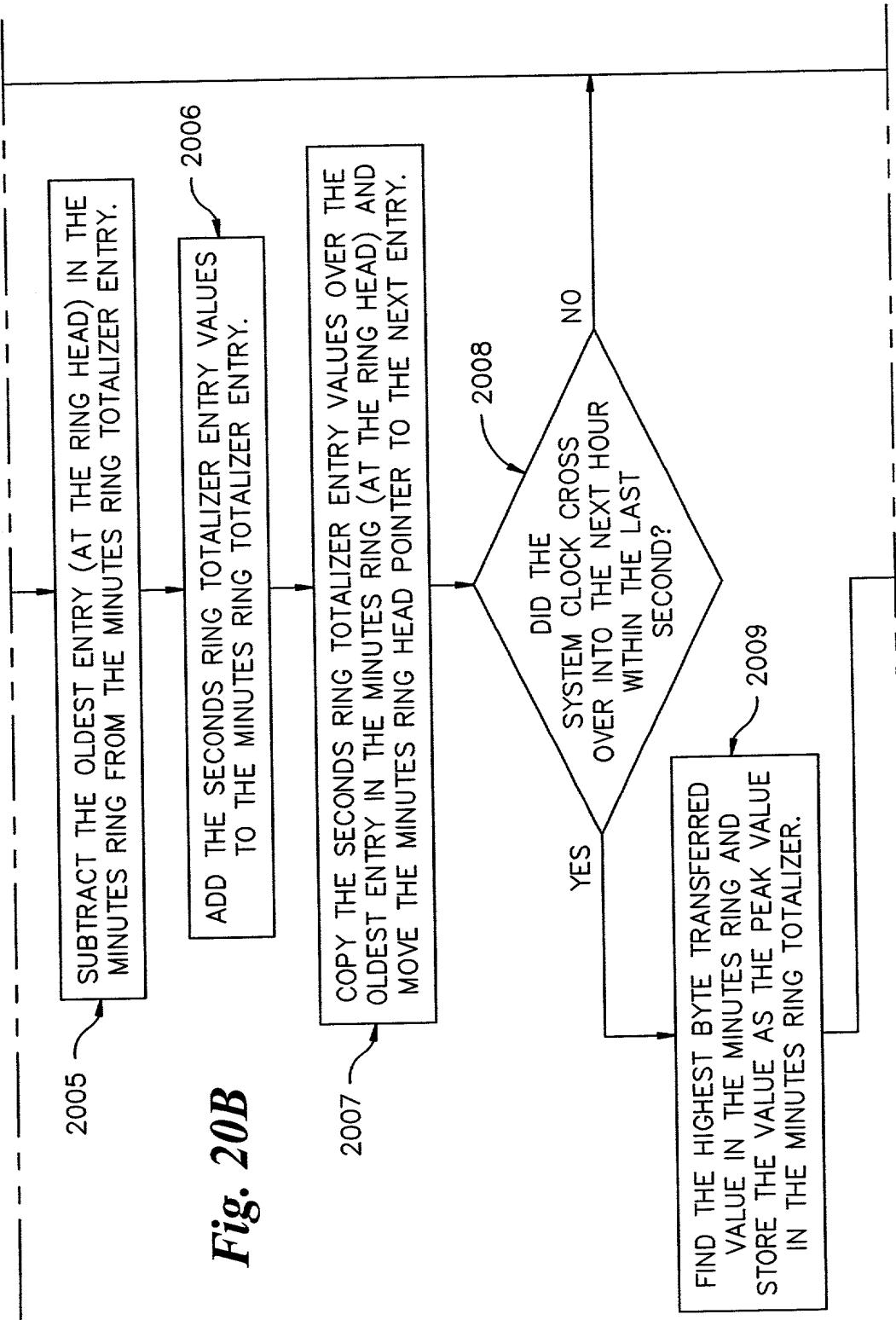


Fig. 20C

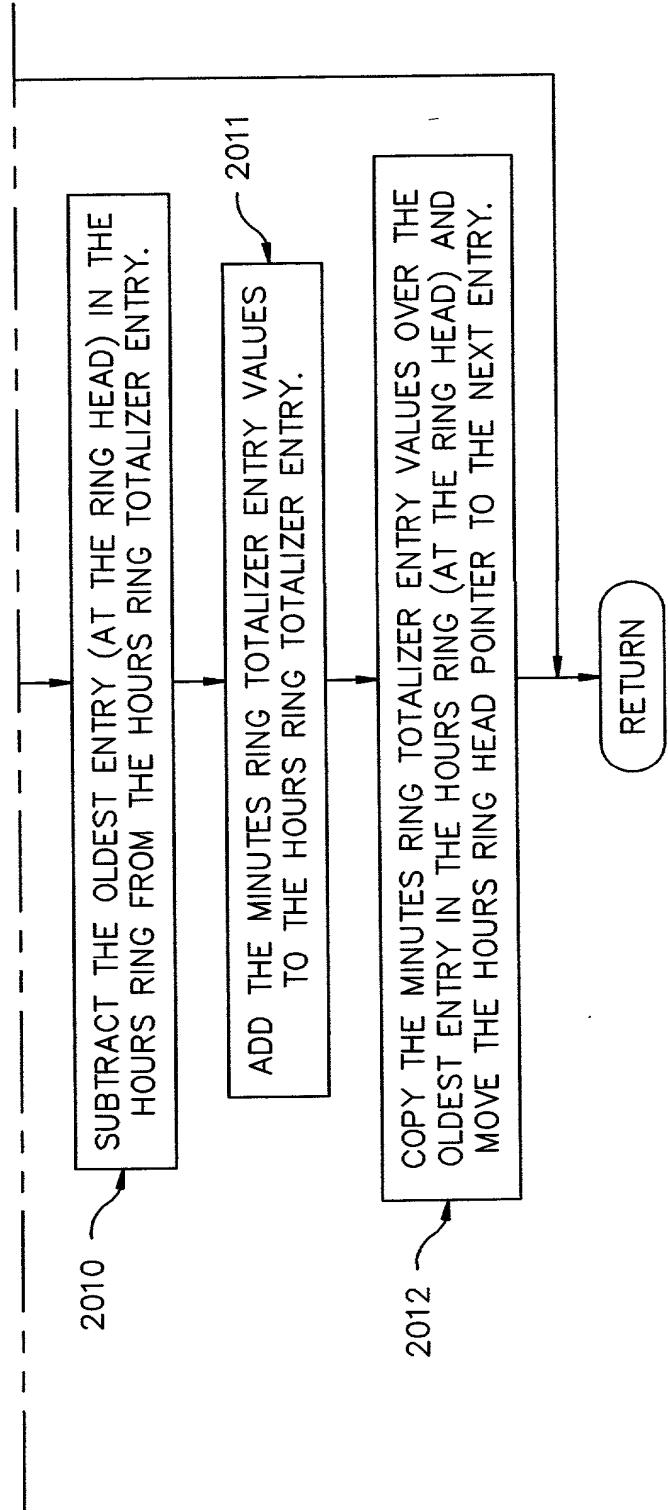


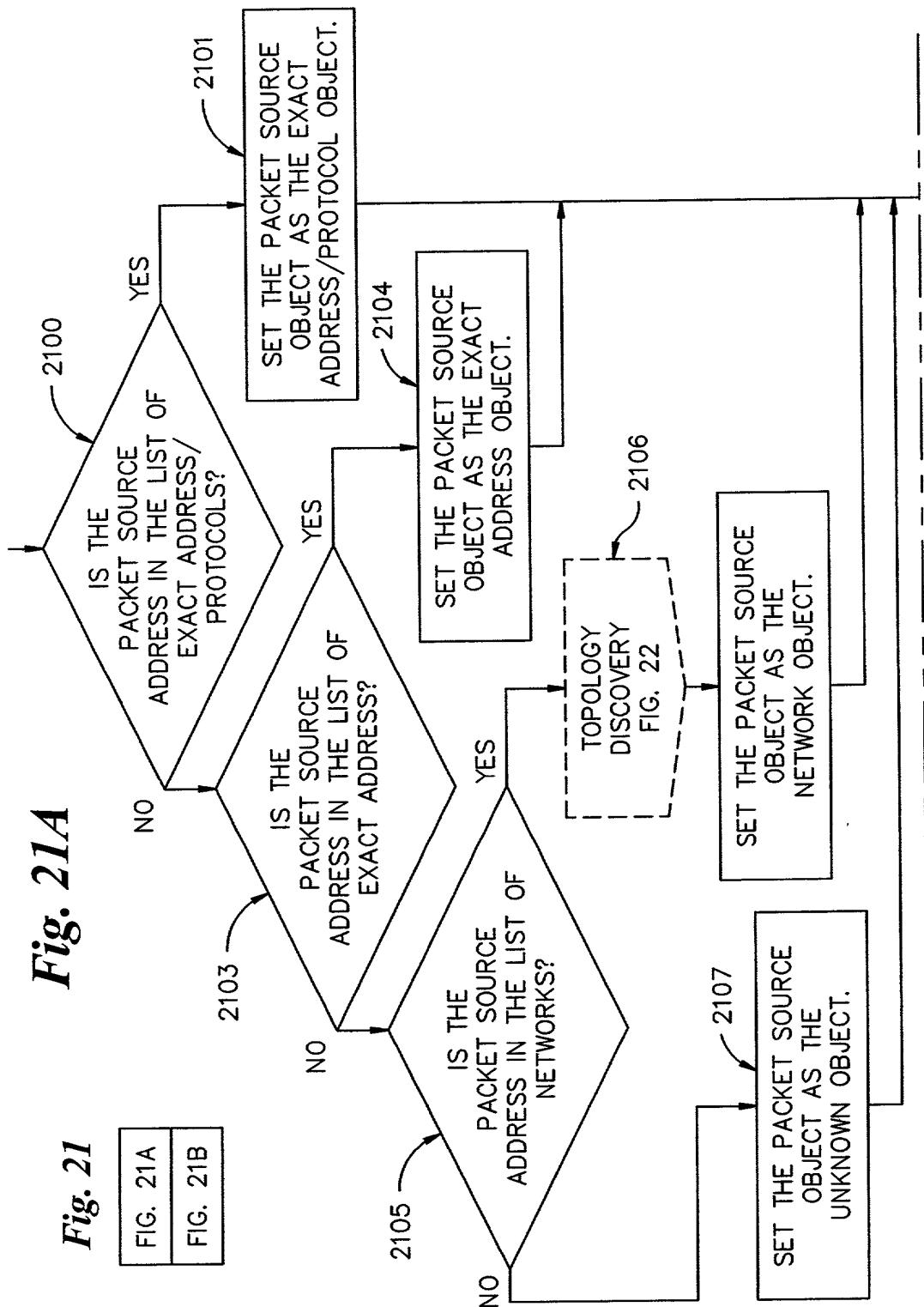
Fig. 21

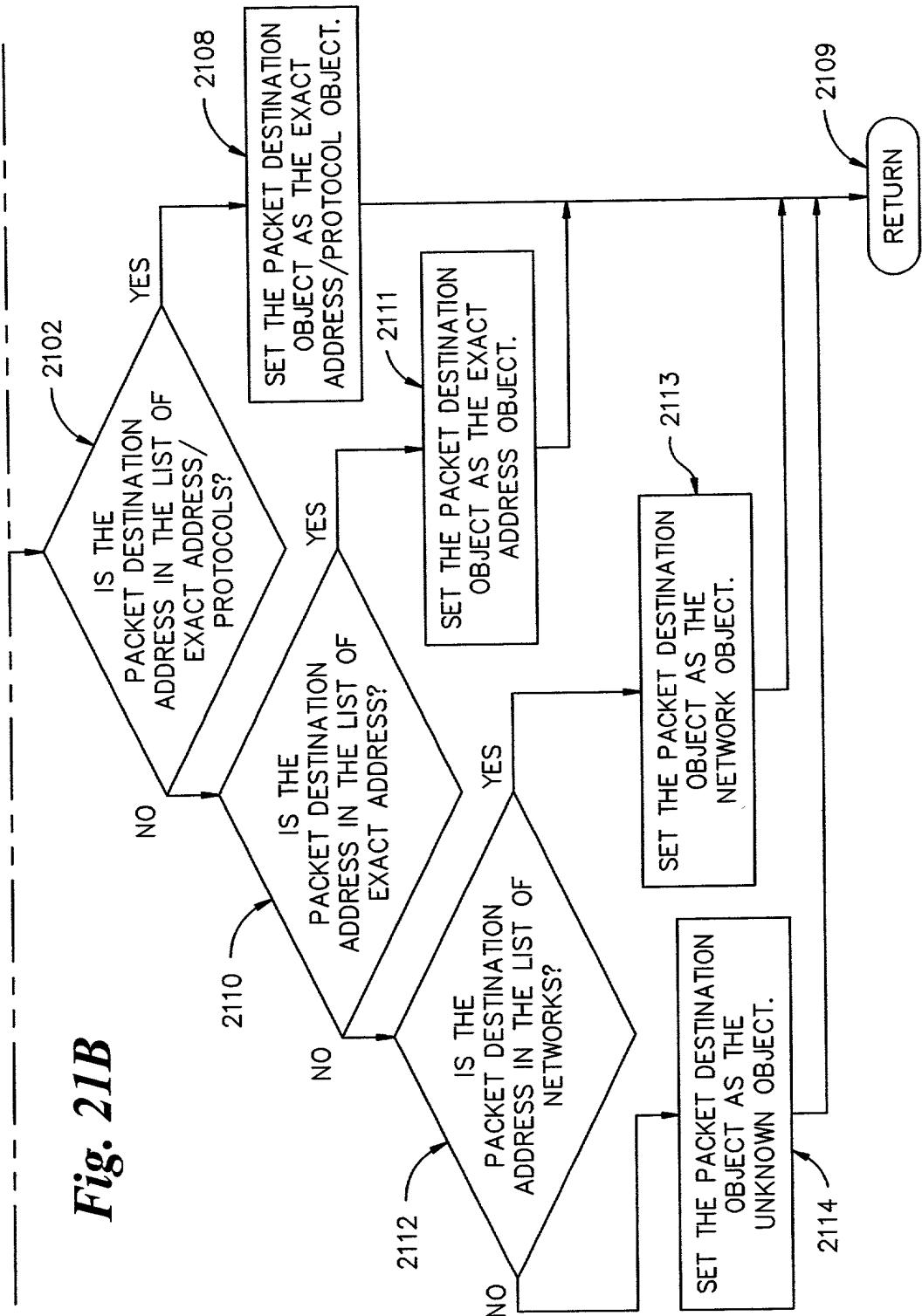
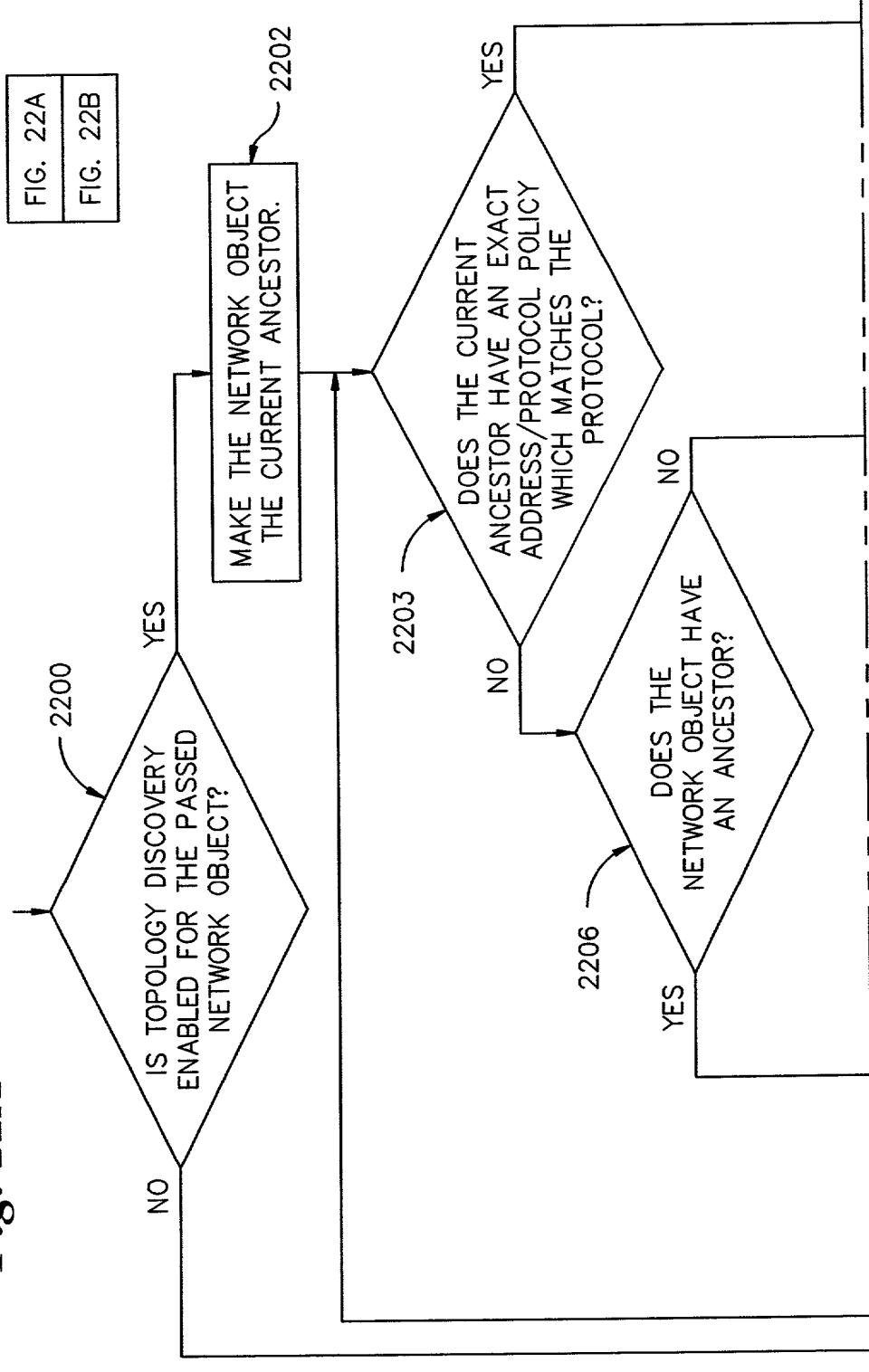
Fig. 21B

Fig. 22

Fig. 22A



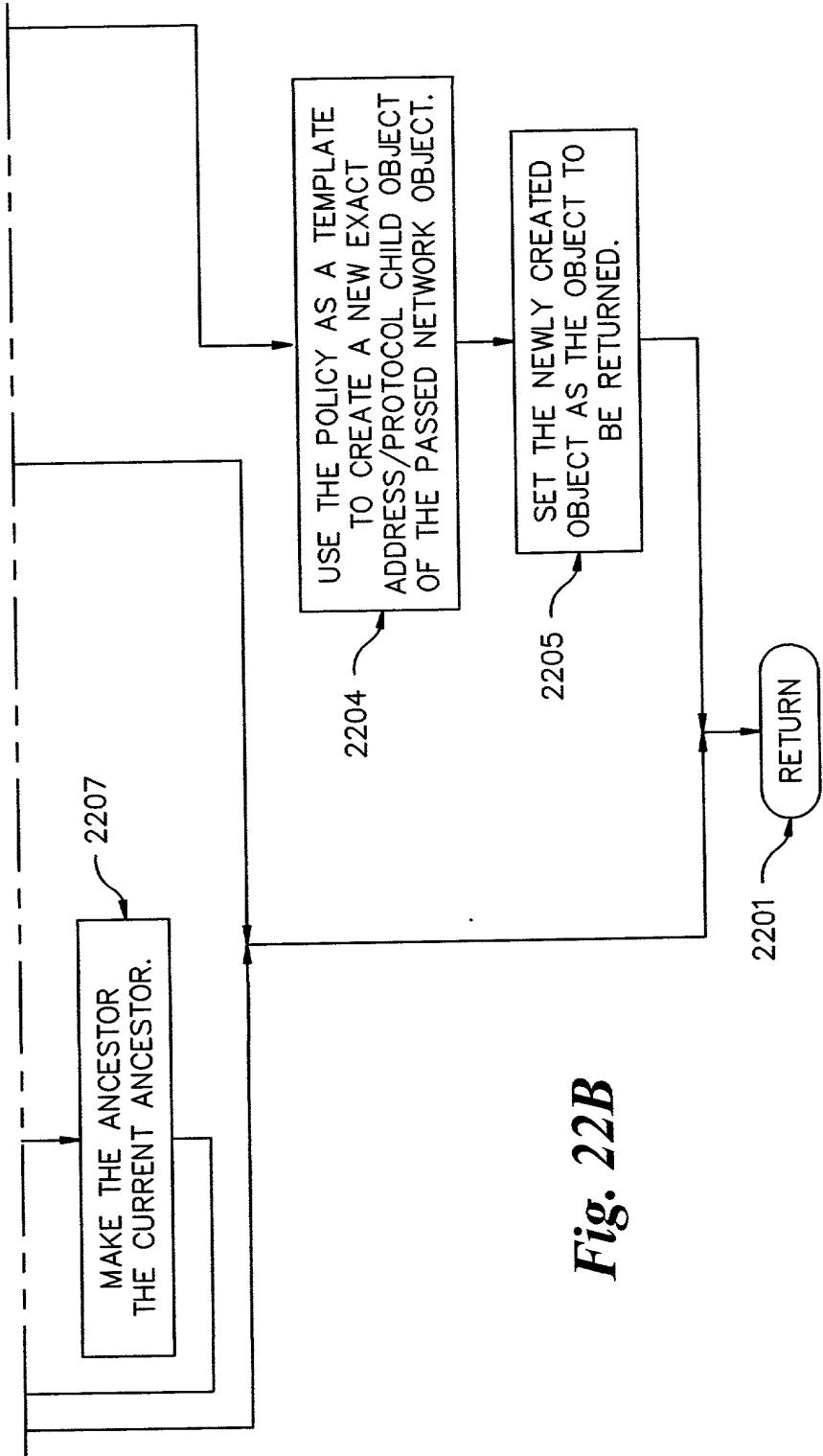


Fig. 22B

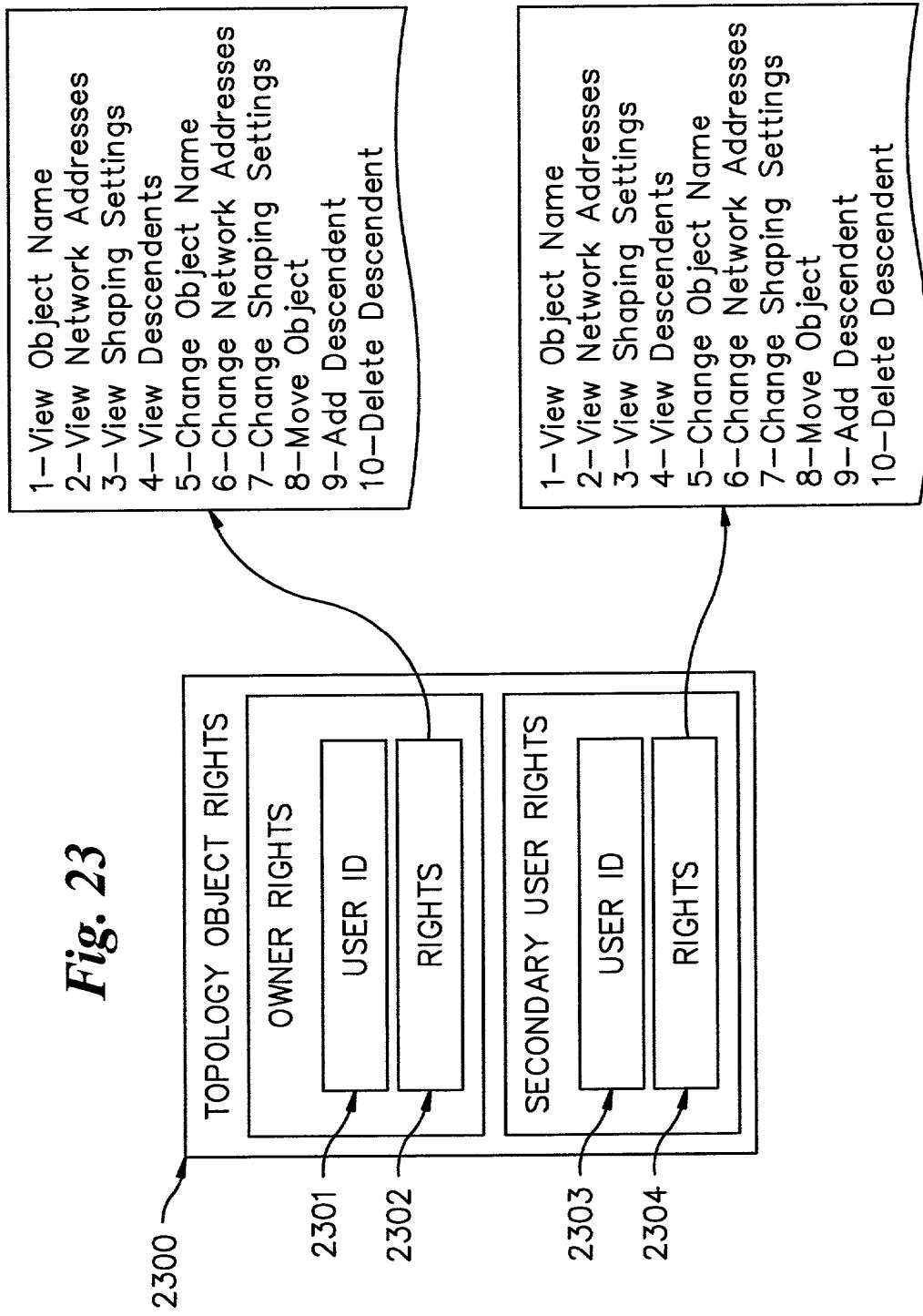
Fig. 23

Fig. 24A

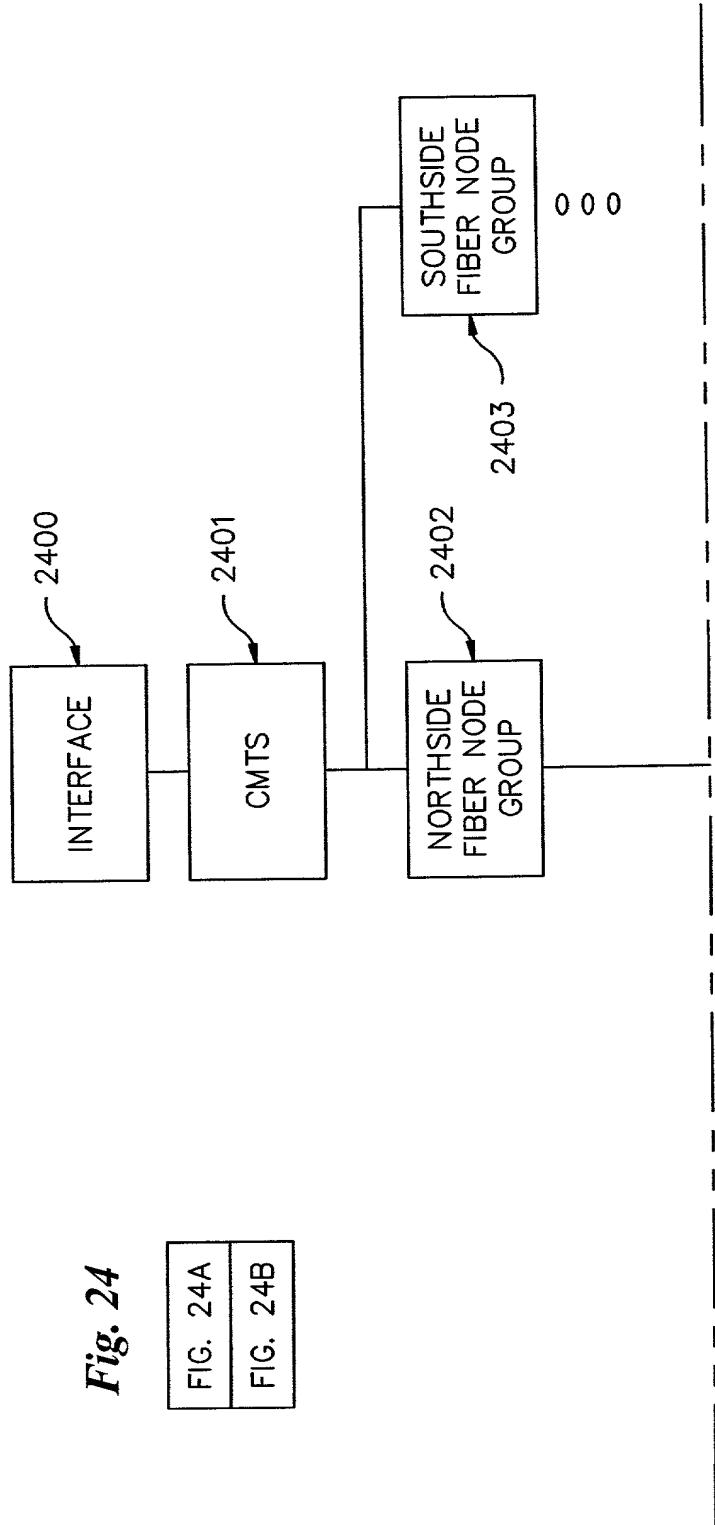
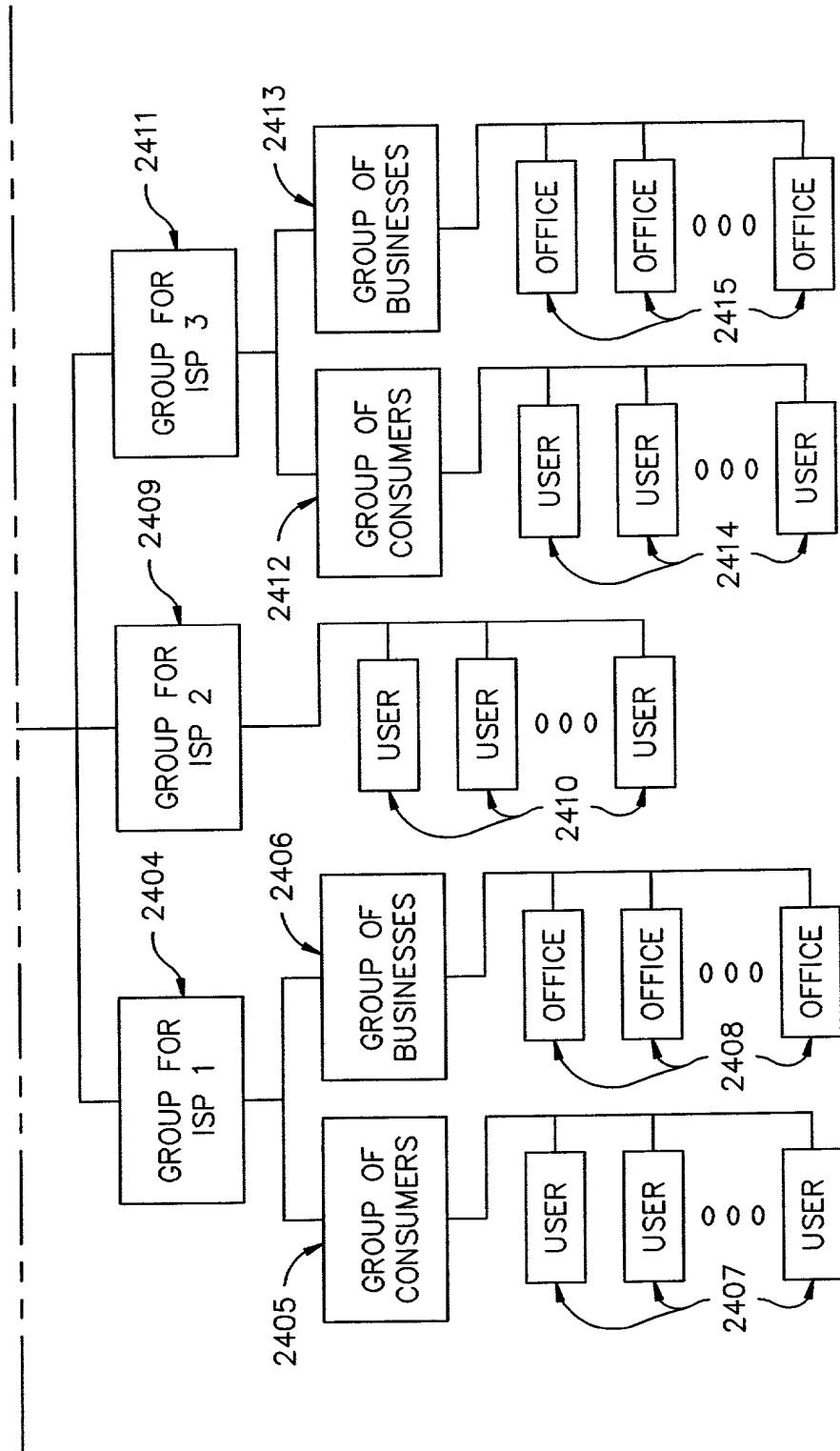


Fig. 24B

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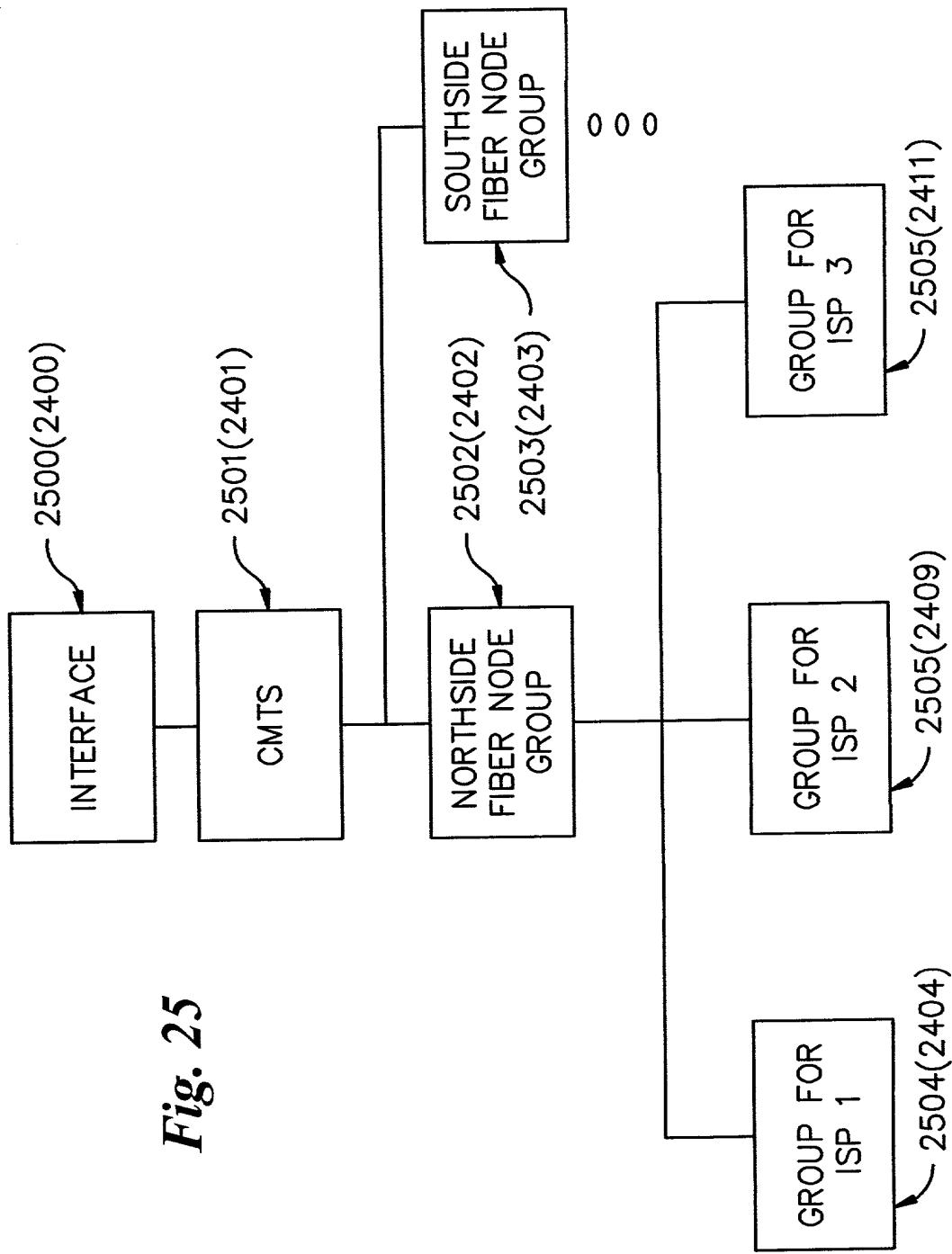


Fig. 25

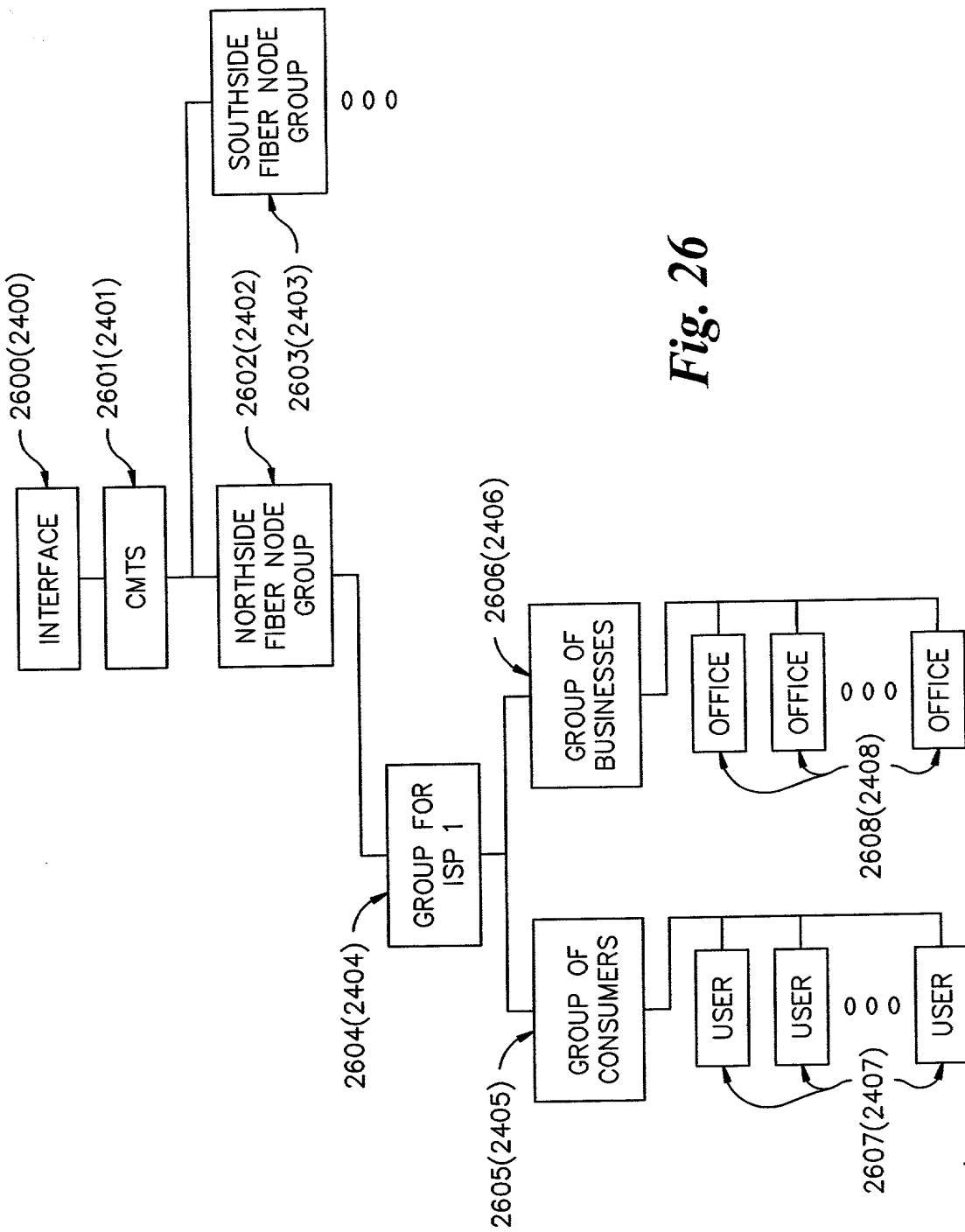


Fig. 26

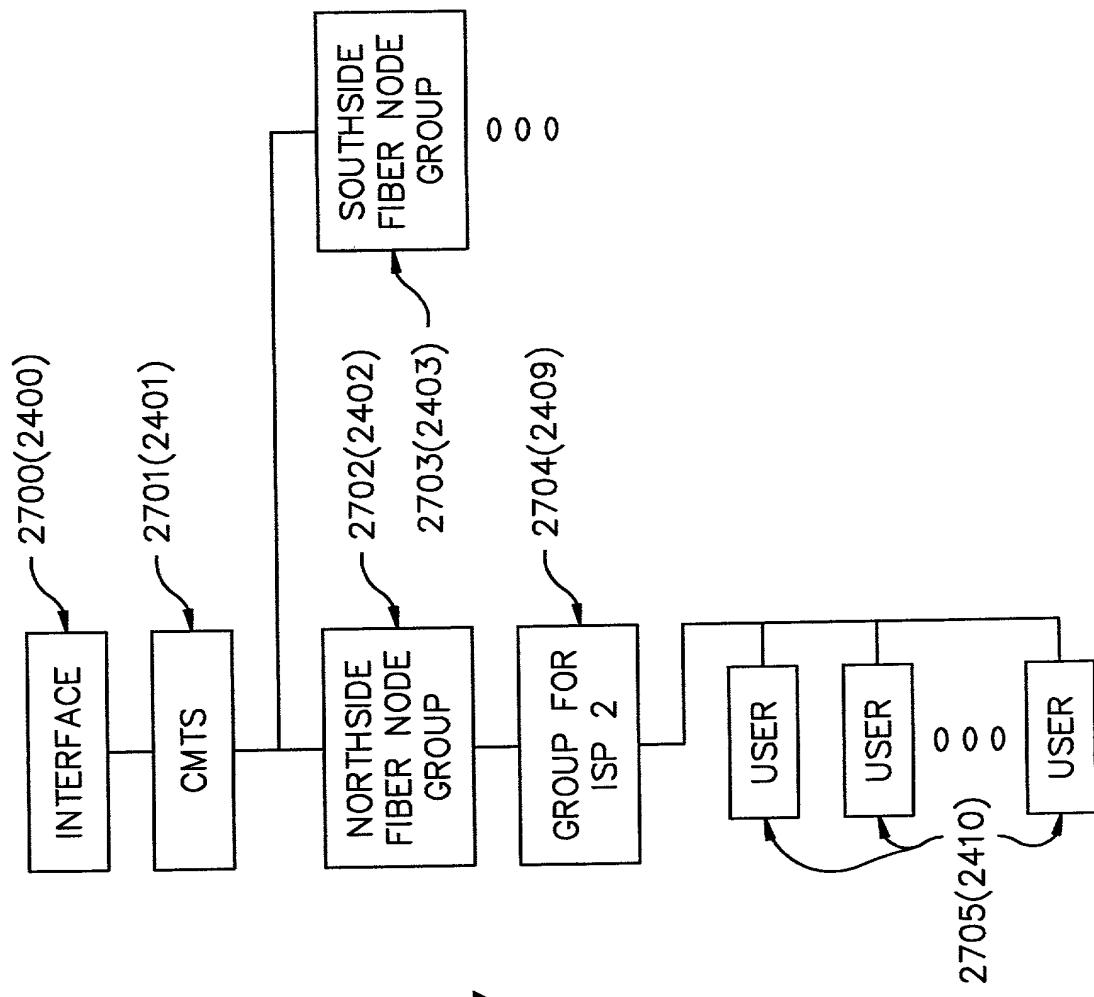


Fig. 27